Method for distinguishing AML subtypes with recurring genetic aberrations

The present invention is directed to a method for distinguishing AML subtypes with recurring genetic aberrations, in particular AML subtypes t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext (complex aberrant karyotype) , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q)

5   by determining the expression level of selected marker genes.

Leukemias are classified into four different groups or types: acute myeloid (AML), acute lymphatic (ALL), chronic myeloid (CML) and chronic lymphatic leukemia (CLL). Within these groups, several subcategories can be identified further using a

10   panel of standard techniques as described below. These different subcatgories in leukemias are associated with varying clinical outcome and therefore are the basis for different treatment strategies. The importance of highly specific classification may be illustrated in detail further for the AML as a very heterogeneous group of diseases. Effort is aimed at identifying biological entities and to distinguish and

15   classify subgroups of AML which are associated with a favorable, intermediate or unfavorable prognosis, respectively. In 1976, the FAB classification was proposed by the French-American-British co-operative group which was based on cytomorphology and cytochemistry in order to separate AML subgroups according to the morphological appearance of blasts in the blood and bone marrow. In

20   addition, it was recognized that genetic abnormalities occurring in the leukemic blast had a major impact on the morphological picture and even more on the prognosis. So far, the karyotype of the leukemic blasts is the most important independent prognostic factor regarding response to therapy as well as survival.

25   Usually, a combination of methods is necessary to obtain the most important information in leukemia diagnostics: Analysis of the morphology and cytochemistry of bone marrow blasts and peripheral blood cells is necessary to establish the diagnosis. In some cases the addition of immunophenotyping is mandatory to separate very undifferentiated AML from acute lymphoblastic

30   leukemia and CLL. Leukemia subtypes investigated can be diagnosed by cytomorphology alone, only if an expert reviews the smears. However, a genetic analysis based on chromosome analysis, fluorescence in situ hybridization or RT-PCR and immunophenotyping is required in order to assign all cases into the right

category. The aim of these techniques besides diagnosis is mainly to determine the prognosis of the leukemia. A major disadvantage of these methods, however, is that viable cells are necessary as the cells for genetic analysis have to divide in vitro in order to obtain metaphases for the analysis. Another problem is the long time of 72 hours from receipt of the material in the laboratory to obtain the result. Furthermore, great experience in preparation of chromosomes and even more in analyzing the karyotypes is required to obtain the correct result in at least 90% of cases. Using these techniques in combination, hematological malignancies in a first approach are separated into chronic myeloid leukemia (CML), chronic lymphatic (CLL), acute lymphoblastic (ALL), and acute myeloid leukemia (AML). Within the latter three disease entities several prognostically relevant subtypes have been established. As a second approach this further sub-classification is based mainly on genetic abnormalities of the leukemic blasts and clearly is associated with different prognoses.

The sub-classification of leukemias becomes increasingly important to guide therapy. The development of new, specific drugs and treatment approaches requires the identification of specific subtypes that may benefit from a distinct therapeutic protocol and, thus, can improve outcome of distinct subsets of leukemia. For example, the new therapeutic drug (STI571, Imatinib) inhibits the CML specific chimeric tyrosine kinase BCR-ABL generated from the genetic defect observed in CML, the BCR-ABL-rearrangement due to the translocation between chromosomes 9 and 22 (t(9;22) (q34; q11)). In patients treated with this new drug, the therapy response is dramatically higher as compared to all other drugs that had been used so far. Another example is the subtype of acute myeloid leukemia AML M3 and its variant M3v both with karyotype t(15;17)(q22; q11-12). The introduction of a new drug (all-trans retinoic acid - ATRA) has improved the outcome in this subgroup of patient from about 50% to 85 % long-term survivors. As it is mandatory for these patients suffering from these specific leukemia subtypes to be identified as fast as possible so that the best therapy can be applied, diagnostics today must accomplish sub-classification with maximal precision. Not only for these subtypes but also for several other leukemia subtypes different treatment approaches could improve outcome. Therefore, rapid and precise identification of distinct leukemia subtypes is the future goal for diagnostics.

Thus, the technical problem underlying the present invention was to provide means for leukemia diagnostics which overcome at least some of the disadvantages of the prior art diagnostic methods, in particular encompassing the time-consuming and unreliable combination of different methods and which provides a rapid assay to unambiguously distinguish one AML subtype from another, e.g. by genetic analysis.

According to Golub et al. (Science, 1999, 286, 531-7), gene expression profiles can be used for class prediction and discriminating AML from ALL samples. However, for the analysis of acute leukemias the selection of the two different subgroups was performed using exclusively morphologic-phenotypical criteria. This was only descriptive and does not provide deeper insights into the pathogenesis or the underlying biology of the leukemia. The approach reproduces only very basic knowledge of cytomorphology and intends to differentiate classes. The data is not sufficient to predict prognostically relevant cytogenetic aberrations.

Furthermore, the international application WO-A 03/039443 discloses marker genes the expression levels of which are characteristic for certain leukemia, e.g. AML subtypes and additionally discloses methods for differentiating between the subtype of AML cells by determining the expression profile of the disclosed marker genes. However, WO-A 03/039443 does not provide guidance which set of distinct genes discriminate between two subtypes and, as such, can be routineously taken in order to distinguish one AML subtype from another.

The problem is solved by the present invention, which provides a method for distinguishing AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q) in a sample, the method comprising determining the expression level of markers selected from the markers identifiable by their Affymetrix Identification Numbers (affy id) as defined in Tables 1, and/or 2,

wherein

        a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.1 having a negative fc value, and/or

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a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.1 having a positive fc value,

is indicative for AML_+11 when AML_+11 is distinguished from all other subtypes,

5   and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.2 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.2 having a positive fc value,

10   is indicative for AML_+13 when AML_+13 is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.3 having a negative fc value, and/or

15   a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.3 having a positive fc value,

is indicative for AML_+8 when AML_+8 is distinguished from all other subtypes,

and/or wherein

20   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.4 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.4 having a positive fc value,

is indicative for AML_-7 when AML_-7 is distinguished from all other

25   subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.5 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one

30   one of the numbers 1 to 50 of Table 1.5 having a positive fc value,

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is indicative for AML_5q when AML_5q is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.6 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.6 having a positive fc value,

is indicative for AML_9q when AML_9q is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.7 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.7 having a positive fc value,

is indicative for AML_MLL when AML_MLL is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.8 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.8 having a positive fc value,

is indicative for AML_inv(16) when AML_inv(16) is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.9 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.9 having a positive fc value,

is indicative for AML_inv(3) when AML_inv(3) is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.10 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.10 having a positive fc value,

is indicative for AML_komplext when AML_komplext is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.11 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.11 having a positive fc value,

is indicative for AML_normal when AML_normal is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.12 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.12 having a positive fc value,

is indicative for AML_t(15;17) when AML_t(15;17) is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.13 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 1.13 having a positive fc value,

is indicative for AML_t(8;21) when AML_t(8;21) is distinguished from all other subtypes,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.1 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.1 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_+13,

5   and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.2 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.2 having a positive fc value,

10   is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_+8,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.3 having a negative fc value, and/or

15   a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.3 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_-7,

and/or wherein

20   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.4 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.4 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is

25   distinguished from AML_5q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.5 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least

30   one of the numbers 1 to 50 of Table 2.5 having a positive fc value,

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is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_9q,

and/or wherein

5   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.6 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.6 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_MLL,

10   and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.7 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.7 having a positive fc value,

15   is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_inv(16),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.8 having a negative fc value, and/or

20   a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.8 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_inv(3),

and/or wherein

25   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.9 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.9 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_komplext,

30

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.10 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.10 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_normal,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.11 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.11 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.12 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.12 having a positive fc value,

is indicative for the presence AML_+11 when AML_+11 is distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.13 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.13 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_+8,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.14 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.14 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_-7,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.15 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.15 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_5q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.16 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.16 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_9q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.17 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.17 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_MLL,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.18 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.18 having a positive fc value,

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is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_inv(16),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.19 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.19 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_inv(3),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.20 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.20 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_komplext,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.21 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.21 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_normal,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.22 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.22 having a positive fc value,

is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_t(15;17),

and/or wherein

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a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.23 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.23 having a positive fc value,

5   is indicative for the presence AML_+13 when AML_+13 is distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.24 having a negative fc value, and/or

10   a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.24 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished from AML_-7,

and/or wherein

15   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.25 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.25 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished

20   from AML_5q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.26 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one

25   one of the numbers 1 to 50 of Table 2.26 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished from AML_9q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one

30   of the numbers 1 to 50 of Table 2.27 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.27 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished from AML_MLL,

5   and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.28 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.28 having a positive fc value,

10   is indicative for the presence AML_+8 when AML_+8 distinguished from AML_inv(16),

     and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.29 having a negative fc value, and/or

15   a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.29 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished from AML_inv(3),

     and/or wherein

20   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.30 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.30 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished

25   from AML_komplext,

     and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.31 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least

30   one of the numbers 1 to 50 of Table 2.31 having a positive fc value,

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is indicative for the presence AML_+8 when AML_+8 distinguished from AML_normal,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.32 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.32 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.33 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.33 having a positive fc value,

is indicative for the presence AML_+8 when AML_+8 distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.34 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.34 having a positive fc value,

is indicative for the presence AML_-7 when AML_-7 distinguished from AML_5q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.35 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.35 having a positive fc value,

is indicative for the presence AML_-7 when AML_-7 distinguished from AML_9q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.36 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.36 having a positive fc value,

5   is indicative for the presence AML_-7 when AML_-7 distinguished from AML_MLL,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.37 having a negative fc value, and/or

10   a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.37 having a positive fc value,

is indicative for the presence AML_-7 when AML_-7 distinguished from AML_inv(16),

and/or wherein

15   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.38 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.38 having a positive fc value,

is indicative for the presence of AML_-7 when AML_-7 distinguished

20   from AML_inv(3),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.39 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least

25   one of the numbers 1 to 50 of Table 2.39 having a positive fc value,

is indicative for the presence of AML_-7 when AML_-7 distinguished from AML_komplext,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one

30   of the numbers 1 to 50 of Table 2.40 having a negative fc value, and/or

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a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.40 having a positive fc value,

is indicative for the presence of AML_-7 when AML_-7 distinguished from AML_normal,

5   and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.41 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.41 having a positive fc value,

10   is indicative for the presence of AML_-7 when AML_-7 distinguished from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.42 having a negative fc value, and/or

15   a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.42 having a positive fc value,

is indicative for the presence of AML_-7 when AML_-7 distinguished from AML_t(8;21),

and/or wherein

20   a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.43 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.43 having a positive fc value,

is indicative for the presence of AML_5q when AML_5q distinguished

25   from AML_9q,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.44 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one

30   of the numbers 1 to 50 of Table 2.44 having a positive fc value,

is indicative for the presence of AML_5q when AML_5q distinguished from AML_MLL,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.45 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.45 having a positive fc value,

is indicative for the presence of AML_5q when AML_5q distinguished from AML_inv(16),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.46 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.46 having a positive fc value,

is indicative for the presence of AML_5q when AML_5q distinguished from AML_inv(3),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.47 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.47 having a positive fc value,

is indicative for the presence of AML_5q when AML_5q distinguished from AML_komplext,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.48 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.48 having a positive fc value,

is indicative for the presence of AML_5q when AML_5q distinguished from AML_normal,

and/or wherein

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a lower expression of at least one polynucleotide defined by at least one
of the numbers 1 to 50 of Table 2.49 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least
one of the numbers 1 to 50 of Table 2.49 having a positive fc value,

5   is indicative for the presence of AML_5q when AML_5q distinguished
from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one
of the numbers 1 to 50 of Table 2.50 having a negative fc value, and/or

10   a higher expression of at least one polynucleotide defined by at least
one of the numbers 1 to 50 of Table 2.50 having a positive fc value,

is indicative for the presence of AML_5q when AML_5q distinguished
from AML_t(8;21),

and/or wherein

15   a lower expression of at least one polynucleotide defined by at least one
of the numbers 1 to 50 of Table 2.51 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least
one of the numbers 1 to 50 of Table 2.51 having a positive fc value,

is indicative for the presence of AML_9q when AML_9q distinguished
20   from AML_MLL,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one
of the numbers 1 to 50 of Table 2.52 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least
25   one of the numbers 1 to 50 of Table 2.52 having a positive fc value,

is indicative for the presence of AML_9q when AML_9q distinguished
from AML_inv(16),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one
30   of the numbers 1 to 50 of Table 2.53 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.53 having a positive fc value,

is indicative for the presence of AML_9q when AML_9q distinguished from AML_inv(3),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.54 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.54 having a positive fc value,

is indicative for the presence of AML_9q when AML_9q distinguished from AML_komplext,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.55 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.55 having a positive fc value,

is indicative for the presence of AML_9q when AML_9q distinguished from AML_normal,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.56 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.56 having a positive fc value,

is indicative for the presence of AML_9q when AML_9q distinguished from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.57 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.57 having a positive fc value,

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is indicative for the presence of AML_9q when AML_9q distinguished from AML_(8;21),

and/or wherein

5 a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.58 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.58 having a positive fc value,

is indicative for the presence of AML_MLL when AML_MLL distinguished from AML_inv(16),

10 and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.59 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.59 having a positive fc value,

15 is indicative for the presence of AML_MLL when AML_MLL distinguished from AML_inv(3)

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.60 having a negative fc value, and/or

20 a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.60 having a positive fc value,

is indicative for the presence of AML_MLL when AML_MLL distinguished from AML_komplext,

and/or wherein

25 a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.61 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.61 having a positive fc value,

is indicative for the presence of AML_MLL when AML_MLL

30 distinguished from AML_normal,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.62 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.62 having a positive fc value,

is indicative for the presence of AML_MLL when AML_MLL distinguished from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.63 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.63 having a positive fc value,

is indicative for the presence of AML_MLL when AML_MLL is distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.64 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.64 having a positive fc value,

is indicative for the presence of AML_inv(16) when AML_inv(16) is distinguished from AML_inv(3),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.65 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.65 having a positive fc value,

is indicative for the presence of AML_inv(16) when AML_inv(16) is distinguished from AML_komplext,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.66 having a negative fc value, and/or

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a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.66 having a positive fc value,

is indicative for the presence of AML_inv(16) when AML_inv(16) is distinguished from AML_normal,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.67 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.67 having a positive fc value,

is indicative for the presence of AML_inv(16) when AML_inv(16) is distinguished from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.68 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.68 having a positive fc value,

is indicative for the presence of AML_inv(16) when AML_inv(16) is distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.69 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.69 having a positive fc value,

is indicative for the presence of AML_inv(3) when AML_inv(3) is distinguished from AML_komplext,

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.70 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.70 having a positive fc value,

is indicative for the presence of AML_inv(3) when AML_inv(3) is distinguished from AML_normal,

and/or wherein

5

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.71 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.71 having a positive fc value,

is indicative for the presence of AML_inv(3) when AML_inv(3) is distinguished from AML_t(15;17),

10   and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.72 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.72 having a positive fc value,

15

is indicative for the presence of AML_inv(3) when AML_inv(3) is distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.73 having a negative fc value, and/or

20

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.73 having a positive fc value,

is indicative for the presence of AML_komplext when AML_komplext is distinguished from AML_normal,

and/or wherein

25

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.74 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.74 having a positive fc value,

is indicative for the presence of AML_komplext when AML_komplext

30   is distinguished from AML_t(15;17),

and/or wherein

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a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.75 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.75 having a positive fc value,

is indicative for the presence of AML_komplext when AML_komplext is distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.76 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.76 having a positive fc value,

is indicative for the presence of AML_normal when AML_normal is distinguished from AML_t(15;17),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.77 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.77 having a positive fc value,

is indicative for the presence of AML_normal when AML_normal is distinguished from AML_t(8;21),

and/or wherein

a lower expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.78 having a negative fc value, and/or

a higher expression of at least one polynucleotide defined by at least one of the numbers 1 to 50 of Table 2.78 having a positive fc value,

is indicative for the presence of AML_t(15;17) when AML_t(15;17) is distinguished from AML_t(8;21).

As used herein, the following definitions apply for the above used abbreviations:

AML_-7   AML with monosomy 7 as sole abnormality

AML-+8   AML with trisomy 8 as sole abnormality

AML_+11   AML with trisomy 11 as sole abnormality

AML_+13   AML with trisomy 13 as sole abnormality

AML_5q   AML with a deletion of the long arm of chromosome 5 as sole
           abnormality

AML_9q   AML with a deletion of the long arm of chromosome 9 as sole
           abnormality

AML_MLL   AML with an 11q23/MLL-rearrangement

AML_inv(16)   AML with an inversion 16/CBFb-SMMHC-rearrangement

AML_inv(3)   AML with an inv(3)

AML_t(15;17)   AML with t(15;17)/PML-RARA-rearrangement

AML_t(8;21)   AML with t(8;21)/AML1-ETO-rearrangement

AML_komplext   AML with a complex aberrant karyotype

AML_normal   AML with normal karyotype

As used herein, "all other subtypes" refer to the subtypes of the present invention, i.e. if one subtype is distinguished from "all other subtypes", it is distiguished from all other subtypes contained in the present invention.

According to the present invention, a "sample" means any biological material containing genetic information in the form of nucleic acids or proteins obtainable or obtained from an individual. The sample includes e.g. tissue samples, cell samples, bone marrow and/or body fluids such as blood, saliva, semen. Preferably, the sample is blood or bone marrow, more preferably the sample is bone marrow. The person skilled in the art is aware of methods, how to isolate nucleic acids and proteins from a sample. A general method for isolating and preparing nucleic acids from a sample is outlined in Example 3.

According to the present invention, the term "lower expression" is generally assigned to all by numbers and Affymetrix Id. definable polynucleotides the t-values and fold change (fc) values of which are negative, as indicated in the Tables.

Accordingly, the term "higher expression" is generally assigned to all by numbers and Affymetrix Id. definable polynucleotides the t-values and fold change (fc) values of which are positive.

5   According to the present invention, the term "expression" refers to the process by which mRNA or a polypeptide is produced based on the nucleic acid sequence of a gene, i.e. „expression" also includes the formation of mRNA upon transcription. In accordance with the present invention, the term „determining the expression level" preferably refers to the determination of the level of expression, namely of the

10   markers.

Generally, "marker" refers to any genetically controlled difference which can be used in the genetic analysis of a test versus a control sample, for the purpose of assigning the sample to a defined genotype or phenotype. As used herein,

15   "markers" refer to genes which are differentially expressed in, e.g., different AML subtypes. The markers can be defined by their gene symbol name, their encoded protein name, their transcript identification number (cluster identification number), the data base accession number, public accession number or GenBank identifier or, as done in the present invention, Affymetrix identification number, chromosomal

20   location, UniGene accession number and cluster type, LocusLink accession number (see Examples and Tables).

The Affymetrix identification number (affy id) is accessible for anyone and the person skilled in the art by entering the "gene expression omnibus" internet page of

25   the   National   Center   for   Biotechnology   Information   (NCBI) (http://www.ncbi.nlm.nih.gov/geo/).   In   particular,   the   affy   id's   of   the polynucleotides used for the method of the present invention are derived from the so-called U133 chip. The sequence data of each identification number can be viewed at http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GPL96

30

Generally, the expression level of a marker is determined by the determining the expression of its corresponding "polynucleotide" as described hereinafter.

According to the present invention, the term „polynucleotide" refers, generally, to a DNA, in particular cDNA, or RNA, in particular a cRNA, or a portion thereof or a polypeptide or a portion thereof. In the case of RNA (or cDNA), the polynucleotide is formed upon transcription of a nucleotide sequence which is capable of expression. The polynucleotide fragments refer to fragments preferably of between at least 8, such as 10, 12, 15 or 18 nucleotides and at least 50, such as 60, 80, 100, 200 or 300 nucleotides in length, or a complementary sequence thereto, representing a consecutive stretch of nucleotides of a gene, cDNA or mRNA. In other terms, polynucleotides include also any fragment (or complementary sequence thereto) of a sequence derived from any of the markers defined above as long as these fragments unambiguously identify the marker.

The determination of the expression level may be effected at the transcriptional or translational level, i.e. at the level of mRNA or at the protein level. Protein fragments such as peptides or polypeptides advantageously comprise between at least 6 and at least 25, such as 30, 40, 80, 100 or 200 consecutive amino acids representative of the corresponding full length protein. Six amino acids are generally recognized as the lowest peptidic stretch giving rise to a linear epitope recognized by an antibody, fragment or derivative thereof. Alternatively, the proteins or fragments thereof may be analysed using nucleic acid molecules specifically binding to three-dimensional structures (aptamers).

Depending on the nature of the polynucleotide or polypeptide, the determination of the expression levels may be effected by a variety of methods. For determining and detecting the expression level, it is preferred in the present invention that the polynucleotide, in particular the cRNA, is labelled.

The labelling of the polynucleotide or a polypeptide can occur by a variety of methods known to the skilled artisan. The label can be fluorescent, chemiluminescent, bioluminescent, radioactive (such as ^{3}H or ^{32}P). The labelling compound can be any labelling compound being suitable for the labelling of polynucleotides and/or polypeptides. Examples include fluorescent dyes, such as fluorescein, dichlorofluorescein, hexachlorofluorescein, BODIPY variants, ROX, tetramethylrhodamin, rhodamin X, Cyanine-2, Cyanine-3, Cyanine-5, Cyanine-7, IRD40, FluorX, Oregon Green, Alexa variants (available e.g. from Molecular Probes or Amersham Biosciences) and the like, biotin or biotinylated nucleotides,

digoxigenin, radioisotopes, antibodies, enzymes and receptors. Depending on the type of labelling, the detection is done via fluorescence measurements, conjugation to streptavidin and/or avidin, antigen-antibody- and/or antibody-antibody-interactions, radioactivity measurements, as well as catalytic and/or receptor/ligand interactions. Suitable methods include the direct labelling (incorporation) method, the amino-modified (amino-allyl) nucleotide method (available e.g. from Ambion), and the primer tagging method (DNA dendrimer labelling, as kit available e.g. from Genisphere). Particularly preferred for the present invention is the use of biotin or biotinylated nucleotides for labelling, with the latter being directly incorporated into, e.g. the cRNA polynucleotide by in vitro transcription.

If the polynucleotide is mRNA, cDNA may be prepared into which a detectable label, as exemplified above, is incorporated. Said detectably labelled cDNA, in single-stranded form, may then be hybridised, preferably under stringent or highly stringent conditions to a panel of single-stranded oligonucleotides representing different genes and affixed to a solid support such as a chip. Upon applying appropriate washing steps, those cDNAs will be detected or quantitatively detected that have a counterpart in the oligonucleotide panel. Various advantageous embodiments of this general method are feasible. For example, the mRNA or the cDNA may be amplified e.g. by polymerase chain reaction, wherein it is preferable, for quantitative assessments, that the number of amplified copies corresponds relative to further amplified mRNAs or cDNAs to the number of mRNAs originally present in the cell. In a preferred embodiment of the present invention, the cDNAs are transcribed into cRNAs prior to the hybridisation step wherein only in the transcription step a label is incorporated into the nucleic acid and wherein the cRNA is employed for hybridisation. Alternatively, the label may be attached subsequent to the transcription step.

Similarly, proteins from a cell or tissue under investigation may be contacted with a panel of aptamers or of antibodies or fragments or derivatives thereof. The antibodies etc. may be affixed to a solid support such as a chip. Binding of proteins indicative of an AML subtype may be verified by binding to a detectably labelled secondary antibody or aptamer. For the labelling of antibodies, it is referred to Harlow and Lane, "Antibodies, a laboratory manual", CSH Press, 1988, Cold Spring Harbor. Specifically, a minimum set of proteins necessary for diagnosis of

all AML subtypes may be selected for creation of a protein array system to make diagnosis on a protein lysate of a diagnostic bone marrow sample directly. Protein Array Systems for the detection of specific protein expression profiles already are available (for example: Bio-Plex, BIORAD, München, Germany). For this application preferably antibodies against the proteins have to be produced and immobilized on a platform e.g. glasslides or microtiterplates. The immobilized antibodies can be labelled with a reactant specific for the certain target proteins as discussed above. The reactants can include enzyme substrates, DNA, receptors, antigens or antibodies to create for example a capture sandwich immunoassay.

For reliably distinguishing AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q) it is useful that the expression of more than one of the above defined markers is determined. As a criterion for the choice of markers, the statistical significance of markers as expressed in q or p values based on the concept of the false discovery rate is determined. In doing so, a measure of statistical significance called the q value is associated with each tested feature. The q value is similar to the p value, except it is a measure of significance in terms of the false discovery rate rather than the false positive rate (Storey JD and Tibshirani R. Proc.Natl.Acad.Sci., 2003, Vol. 100:9440-5.

In a preferred embodiment of the present invention, markers as defined in Tables 1-7 having a q-value of less than 3E-06, more preferred less than 1.5E-09, most preferred less than 1.5E-11, less than 1.5E-20, less than 1.5E-30, are measured.

Of the above defined markers, the expression level of at least two, preferably of at least ten, more preferably of at least 25, most preferably of 50 of at least one of the Tables of the markers is determined.

In another preferred embodiment, the expression level of at least 2, of at least 5, of at least 10 out of the markers having the numbers 1 − 10, 1-20, 1-40, 1-50 of at least one of the Tables are measured.

The level of the expression of the „marker", i.e. the expression of the polynucleotide is indicative of the AML subtype of a cell or an organism. The level

of expression of a marker or group of markers is measured and is compared with the level of expression of the same marker or the same group of markers from other cells or samples. The comparison may be effected in an actual experiment or in silico. When the expression level also referred to as expression pattern or expression signature (expression profile) is measurably different, there is according to the invention a meaningful difference in the level of expression. Preferably the difference at least is 5 %, 10% or 20%, more preferred at least 50% or may even be as high as 75% or 100%. More preferred the difference in the level of expression is at least 200%, i.e. two fold, at least 500%, i.e. five fold, or at least 1000%, i.e. 10 fold.

Accordingly, the expression level of markers expressed lower in a first subtype than in at least one second subtype, which differs from the first subtype, is at least 5 %, 10% or 20%, more preferred at least 50% or may even be 75% or 100%, i.e. 2-fold lower, preferably at least 10-fold, more preferably at least 50-fold, and most preferably at least 100-fold lower in the first subtype. On the other hand, the expression level of markers expressed higher in a first subtype than in at least one second subtype, which differs from the first subtype, is at least 5 %, 10% or 20%, more preferred at least 50% or may even be 75% or 100%, i.e. 2-fold higher, preferably at least 10-fold, more preferably at least 50-fold, and most preferably at least 100-fold higher in the first subtype.

In another embodiment of the present invention, the sample is derived from an individual having leukemia, preferably AML.

For the method of the present invention it is preferred if the polynucleotide the expression level of which is determined is in form of a transcribed polynucleotide. A particularly preferred transcribed polynucleotide is an mRNA, a cDNA and/or a cRNA, with the latter being preferred. Transcribed polynucleotides are isolated from a sample, reverse transcribed and/or amplified, and labelled, by employing methods well-known the person skilled in the art (see Example 3). In a preferred embodiment of the methods according to the invention, the step of determining the expression profile further comprises amplifying the transcribed polynucleotide.

In order to determine the expression level of the transcribed polynucleotide by the method of the present invention, it is preferred that the method comprises

hybridizing the transcribed polynucleotide to a complementary polynucleotide, or a portion thereof, under stringent hybridization conditions, as described hereinafter.

The term "hybridizing" means hybridization under conventional hybridization conditions, preferably under stringent conditions as described, for example, in Sambrook, J., et al., in "Molecular Cloning: A Laboratory Manual" (1989), Eds. J. Sambrook, E. F. Fritsch and T. Maniatis, Cold Spring Harbour Laboratory Press, Cold Spring Harbour, NY and the further definitions provided above. Such conditions are, for example, hybridization in 6x SSC, pH 7.0 / 0.1% SDS at about 45°C for 18-23 hours, followed by a washing step with 2x SSC/0.1% SDS at 50°C. In order to select the stringency, the salt concentration in the washing step can for example be chosen between 2x SSC/0.1% SDS at room temperature for low stringency and 0.2x SSC/0.1% SDS at 50°C for high stringency. In addition, the temperature of the washing step can be varied between room temperature, ca. 22°C, for low stringency, and 65°C to 70° C for high stringency. Also contemplated are polynucleotides that hybridize at lower stringency hybridization conditions. Changes in the stringency of hybridization and signal detection are primarily accomplished through the manipulation, preferably of formamide concentration (lower percentages of formamide result in lowered stringency), salt conditions, or temperature. For example, lower stringency conditions include an overnight incubation at 37°C in a solution comprising 6X SSPE (20X SSPE = 3M NaCl; 0.2M NaH2PO4; 0.02M EDTA, pH 7.4), 0.5% SDS, 30% formamide, 100 mg/ml salmon sperm blocking DNA, followed by washes at 50°C with 1 X SSPE, 0.1% SDS. In addition, to achieve even lower stringency, washes performed following stringent hybridization can be done at higher salt concentrations (e.g. 5x SSC). Variations in the above conditions may be accomplished through the inclusion and/or substitution of alternate blocking reagents used to suppress background in hybridization experiments. The inclusion of specific blocking reagents may require modification of the hybridization conditions described above, due to problems with compatibility.

"Complementary" and "complementarity", respectively, can be described by the percentage, i.e. proportion, of nucleotides which can form base pairs between two polynucleotide strands or within a specific region or domain of the two strands. Generally, complementary nucleotides are, according to the base pairing rules, adenine and thymine (or adenine and uracil), and cytosine and guanine.

Complementarity may be partial, in which only some of the nucleic acids' bases are matched according to the base pairing rules. Or, there may be a complete or total complementarity between the nucleic acids. The degree of complementarity between nucleic acid strands has effects on the efficiency and strength of hybridization between nucleic acid strands.

Two nucleic acid strands are considered to be 100% complementary to each other over a defined length if in a defined region all adenines of a first strand can pair with a thymine (or an uracil) of a second strand, all guanines of a first strand can pair with a cytosine of a second strand, all thymine (or uracils) of a first strand can pair with an adenine of a second strand, and all cytosines of a first strand can pair with a guanine of a second strand, and vice versa. According to the present invention, the degree of complementarity is determined over a stretch of 20, preferably 25, nucleotides, i.e. a 60% complementarity means that within a region of 20 nucleotides of two nucleic acid strands 12 nucleotides of the first strand can base pair with 12 nucleotides of the second strand according to the above ruling, either as a stretch of 12 contiguous nucleotides or interspersed by non-pairing nucleotides, when the two strands are attached to each other over said region of 20 nucleotides. The degree of complementarity can range from at least about 50% to full, i.e. 100% complementarity. Two single nucleic acid strands are said to be "substantially complementary" when they are at least about 80% complementary, preferably about 90% or higher. For carrying out the method of the present invention substantial complementarity is preferred.

Preferred methods for detection and quantification of the amount of polynucleotides, i.e. for the methods according to the invention allowing the determination of the level of expression of a marker, are those described by Sambrook et al. (1989) or real time methods known in the art as the TaqMan® method disclosed in WO92/02638 and the corresponding U.S. 5,210,015, U.S. 5,804,375, U.S. 5,487,972. This method exploits the exonuclease activity of a polymerase to generate a signal. In detail, the (at least one) target nucleic acid component is detected by a process comprising contacting the sample with an oligonucleotide containing a sequence complementary to a region of the target nucleic acid component and a labeled oligonucleotide containing a sequence complementary to a second region of the same target nucleic acid component sequence strand, but not including the nucleic acid sequence defined by the first oligonucleotide, to create a mixture of duplexes during hybridization conditions,

wherein the duplexes comprise the target nucleic acid annealed to the first oligonucleotide and to the labeled oligonucleotide such that the 3'-end of the first oligonucleotide is adjacent to the 5'-end of the labeled oligonucleotide. Then this mixture is treated with a template-dependent nucleic acid polymerase having a 5' to 3' nuclease activity under conditions sufficient to permit the 5' to 3' nuclease activity of the polymerase to cleave the annealed, labeled oligonucleotide and release labeled fragments. The signal generated by the hydrolysis of the labeled oligonucleotide is detected and/ or measured. TaqMan® technology eliminates the need for a solid phase bound reaction complex to be formed and made detectable. Other methods include e.g. fluorescence resonance energy transfer between two adjacently hybridized probes as used in the LightCycler® format described in U.S. 6,174,670.

A preferred protocol if the marker, i.e. the polynucleotide, is in form of a transcribed nucleotide, is described in Example 3, where total RNA is isolated, cDNA and, subsequently, cRNA is synthesized and biotin is incorporated during the transcription reaction. The purified cRNA is applied to commercially available arrays which can be obtained e.g. from Affymetrix. The hybridized cRNA is detected according to the methods described in Example 3. The arrays are produced by photolithography or other methods known to experts skilled in the art e.g. from U.S. 5,445,934, U.S. 5,744,305, U.S. 5,700,637, U.S. 5,945,334 and EP 0 619 321 or EP 0 373 203, or as decribed hereinafter in greater detail.

In another embodiment of the present invention, the polynucleotide or at least one of the polynucleotides is in form of a polypeptide. In another preferred embodiment, the expression level of the polynucleotides or polypeptides is detected using a compound which specifically binds to the polynucleotide of the polypeptide of the present invention.

As used herein, "specifically binding" means that the compound is capable of discriminating between two or more polynucleotides or polypeptides, i.e. it binds to the desired polynucleotide or polypeptide, but essentially does not bind unspecifically to a different polynucleotide or polypeptide.

The compound can be an antibody, or a fragment thereof, an enzyme, a so-called small molecule compound, a protein-scaffold, preferably an anticalin. In a

preferred embodiment, the compound specifically binding to the polynucleotide or polypeptide is an antibody, or a fragment thereof.

As used herein, an "antibody" comprises monoclonal antibodies as first described by Köhler and Milstein in Nature 278 (1975), 495-497 as well as polyclonal antibodies, i.e. antibodies contained in a polyclonal antiserum. Monoclonal antibodies include those produced by transgenic mice. Fragments of antibodies include F(ab')2, Fab and Fv fragments. Derivatives of antibodies include scFvs, chimeric and humanized antibodies. See, for example Harlow and Lane, loc. cit. For the detection of polypeptides using antibodies or fragments thereof, the person skilled in the art is aware of a variety of methods, all of which are included in the present invention. Examples include immunoprecipitation, Western blotting, Enzyme-linked immuno sorbent assay (ELISA), Enzyme-linked immuno sorbent assay (RIA), dissociation-enhanced lanthanide fluoro immuno assay (DELFIA), scintillation proximity assay (SPA). For detection, it is desirable if the antibody is labelled by one of the labelling compounds and methods described supra.

In another preferred embodiment of the present invention, the method for distinguishing WHO- classified AML subtypes is carried out on an array.

In general, an "array" or "microarray" refers to a linear or two- or three dimensional arrangement of preferably discrete nucleic acid or polypeptide probes which comprises an intentionally created collection of nucleic acid or polypeptide probes of any length spotted onto a substrate/solid support. The person skilled in the art knows a collection of nucleic acids or polypeptide spotted onto a substrate/solid support also under the term "array". As known to the person skilled in the art, a microarray usually refers to a miniaturised array arrangement, with the probes being attached to a density of at least about 10, 20, 50, 100 nucleic acid molecules referring to different or the same genes per cm^2. Furthermore, where appropriate an array can be referred to as "gene chip". The array itself can have different formats, e.g. libraries of soluble probes or libraries of probes tethered to resin beads, silica chips, or other solid supports.

The process of array fabrication is well-known to the person skilled in the art. In the following, the process for preparing a nucleic acid array is described.

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Commonly, the process comprises preparing a glass (or other) slide (e.g. chemical treatment of the glass to enhance binding of the nucleic acid probes to the glass surface), obtaining DNA sequences representing genes of a genome of interest, and spotting sequences these sequences of interest onto glass slide. Sequences of interest can be obtained via creating a cDNA library from an mRNA source or by using publicly available databases, such as GeneBank, to annotate the sequence information of custom cDNA libraries or to identify cDNA clones from previously prepared libraries. Generally, it is recommendable to amplify obtained sequences by PCR in order to have sufficient amounts of DNA to print on the array. The liquid containing the amplified probes can be deposited on the array by using a set of microspotting pins. Ideally, the amount deposited should be uniform. The process can further include UV-crosslinking in order to enhance immobilization of the probes on the array.

In a preferred embodiment, the array is a high density oligonucleotide (oligo) array using a light-directed chemical synthesis process, employing the so-called photolithography technology. Unlike common cDNA arrays, oligo arrays (according to the Affymetrix technology) use a single-dye technology. Given the sequence information of the markers, the sequence can be synthesized directly onto the array, thus, bypassing the need for physical intermediates, such as PCR products, required for making cDNA arrays. For this purpose, the marker, or partial sequences thereof, can be represented by 14 to 20 features, preferably by less than 14 features, more preferably less than 10 features, even more preferably by 6 features or less, with each feature being a short sequence of nucleotides (oligonucleotide), which is a perfect match (PM) to a segment of the respective gene. The PM oligonucleotide are paired with mismatch (MM) oligonucleotides which have a single mismatch at the central base of the nucleotide and are used as "controls". The chip exposure sites are defined by masks and are deprotected by the use of light, followed by a chemical coupling step resulting in the synthesis of one nucleotide. The masking, light deprotection, and coupling process can then be repeated to synthesize the next nucleotide, until the nucleotide chain is of the specified length.

Advantageously, the method of the present invention is carried out in a robotics system including robotic plating and a robotic liquid transfer system, e.g. using microfluidics, i.e. channelled structured.

A particular preferred method according to the present invention is as follows:

1. Obtaining a sample, e.g. bone marrow or peripheral blood aliquots, from a patient having AML

2. Extracting RNA, preferably mRNA, from the sample

5

3. Reverse transcribing the RNA into cDNA

4. In vitro transcribing the cDNA into cRNA

5. Fragmenting the cRNA

6. Hybridizing the fragmented cRNA on standard microarrays

7. Determining hybridization

10

In another embodiment, the present invention is directed to the use of at least one marker selected from the markers identifiable by their Affymetrix Identification Numbers (affy id) as defined in Tables 1, and/or 2 for the manufacturing of a diagnostic for distinguishing AML subtypes with recurring genetic aberrations

15   t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q). The use of the present invention is particularly advantageous for distinguishing AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q)

20   and/or del(9q) in an individual having AML. The use of said markers for diagnosis of AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q), preferably based on microarray technology, offers the following advantages: (1) more rapid and more precise

25   diagnosis, (2) easy to use in laboratories without specialized experience, (3) abolishes the requirement for analyzing viable cells for chromosome analysis (transport problem), and (4) very experienced hematologists for cytomorphology and cytochemistry, immunophenotyping as well as cytogeneticists and molecularbiologists are no longer required.

30

Accordingly, the present invention refers to a diagnostic kit containing at least one marker selected from the markers identifiable by their Affymetrix Identification Numbers (affy id) as defined in Tables 1, and/or 2 for distinguishing AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL,

35   inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q), in combination with suitable auxiliaries. Suitable auxiliaries, as used herein, include buffers, enzymes, labelling compounds,

and the like. In a preferred embodiment, the marker contained in the kit is a nucleic acid molecule which is capable of hybridizing to the mRNA corresponding to at least one marker of the present invention. Preferably, the at least one nucleic acid molecule is attached to a solid support, e.g. a polystyrene microtiter dish, nitrocellulose membrane, glass surface or to non-immobilized particles in solution.

In another preferred embodiment, the diagnostic kit contains at least one reference for an AML subtype with recurring genetic aberrations selected from t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q). As used herein, the reference can be a sample or a data bank.

In another embodiment, the present invention is directed to an apparatus for distinguishing AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q) in a sample, containing a reference data bank obtainable by comprising

(a) compiling a gene expression profile of a patient sample by determining the expression level at least one marker selected from the markers identifiable by their Affymetrix Identification Numbers (affy id) as defined in Tables 1, and/or 2, and

(b) classifying the gene expression profile by means of a machine learning algorithm.

According to the present invention, the "machine learning algorithm" is a computational-based prediction methodology, also known to the person skilled in the art as "classifier", employed for characterizing a gene expression profile. The signals corresponding to a certain expression level which are obtained by the microarray hybridization are subjected to the algorithm in order to classify the expression profile. Supervised learning involves "training" a classifier to recognize the distinctions among classes and then "testing" the accuracy of the classifier on an independent test set. For new, unknown samples the classifier shall predict into which class the sample belongs.

Preferably, the machine learning algorithm is selected from the group consisting of Weighted Voting, K-Nearest Neighbors, Decision Tree Induction, Support Vector Machines (SVM), and Feed-Forward Neural Networks. Most preferably, the

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machine learning algorithm is Support Vector Machine, such as polynomial kernel and Gaussian Radial Basis Function-kernel SVM models.

The classification accuracy of a given gene list for a set of microarray experiments is preferably estimated using Support Vector Machines (SVM), because there is evidence that SVM-based prediction slightly outperforms other classification techniques like k-Nearest Neighbors (k-NN). The LIBSVM software package version 2.36 was used (SVM-type: C-SVC, linear kernel (http://www.csie.ntu.edu.tw/~cjlin/libsvm/)). The skilled artisan is furthermore referred to Brown et al., Proc.Natl.Acad.Sci., 2000; 97: 262-267, Furey et al., Bioinformatics. 2000; 16: 906-914, and Vapnik V. Statistical Learning Theory. New York: Wiley, 1998.

In detail, the classification accuracy of a given gene list for a set of microarray experiments can be estimated using Support Vector Machines (SVM) as supervised learning technique. Generally, SVMs are trained using differentially expressed genes which were identified on a subset of the data and then this trained model is employed to assign new samples to those trained groups from a second and different data set. Differentially expressed genes were identified applying ANOVA and t-test-statistics (Welch t-test). Based on identified distinct gene expression signatures respective training sets consisting of 2/3 of cases and test sets with 1/3 of cases to assess classification accuracies are designated. Assignment of cases to training and test set is randomized and balanced by diagnosis. Based on the training set a Support Vector Machine (SVM) model is built.

According to the present invention, the apparent accuracy, i.e. the overall rate of correct predictions of the complete data set was estimated by 10fold cross validation. This means that the data set was divided into 10 approximately equally sized subsets, an SVM-model was trained for 9 subsets and predictions were generated for the remaining subset. This training and prediction process was repeated 10 times to include predictions for each subset. Subsequently the data set was split into a training set, consisting of two thirds of the samples, and a test set with the remaining one third. Apparent accuracy for the training set was estimated by 10fold cross validation (analogous to apparent accuracy for complete set). A SVM-model of the training set was built to predict diagnosis in the independent test

set, thereby estimating true accuracy of the prediction model. This prediction approach was applied both for overall classification (multi-class) and binary classification (diagnosis X => yes or no). For the latter, sensitivity and specificity were calculated:

5   Sensitivity = (number of positive samples predicted)/(number of true positives)

Specificity = (number of negative samples predicted)/(number of true negatives)

In a preferred embodiment, the reference data bank is backed up on a computational data memory chip which can be inserted in as well as removed from 10   the apparatus of the present invention, e.g. like an interchangeable module, in order to use another data memory chip containing a different reference data bank.

The apparatus of the present invention containing a desired reference data bank can be used in a way such that an unknown sample is, first, subjected to gene 15   expression profiling, e.g. by microarray analysis in a manner as described supra or in the art, and the expression level data obtained by the analysis are, second, fed into the apparatus and compared with the data of the reference data bank obtainable by the above method. For this purpose, the apparatus suitably contains a device for entering the expression level of the data, for example a control panel such as a 20   keyboard. The results, whether and how the data of the unknown sample fit into the reference data bank can be made visible on a provided monitor or display screen and, if desired, printed out on an incorporated of connected printer.

Alternatively, the apparatus of the present invention is equipped with particular 25   appliances suitable for detecting and measuring the expression profile data and, subsequently, proceeding with the comparison with the reference data bank. In this embodiment, the apparatus of the present invention can contain a gripper arm and/or a tray which takes up the microarray containing the hybridized nucleic acids.
30
In another embodiment, the present invention refers to a reference data bank for distinguishing AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q) in a sample obtainable by 35   comprising

(a) compiling a gene expression profile of a patient sample by determining the expression level of at least one marker selected from the markers identifiable by their Affymetrix Identification Numbers (affy id) as defined in Tables 1, and/or 7, and

5   (b) classifying the gene expression profile by means of a machine learning algorithm.

Preferably, the reference data bank is backed up and/or contained in a computational memory data chip.

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The invention is further illustrated in the following table and examples, without limiting the scope of the invention:

TABLES 1.1-2.78

15

Tables 1.1-2.78 show AML subtype analysis of AML subtypes with recurring genetic aberrations t(8;21), t(15;17), t(11q23)/MLL, inv(3)/t(3;3), inv(16), AML_komplext , trisomy 8, trisomy 11, trisomy 13, monosomy 7, del(5q) and/or del(9q). The analysed markers are ordered according to their q-values, beginning

20   with the lowest q-values.

For convenience and a better understanding, Tables 1.1 to 2.78 are accompanied with explanatory tables (Table 1.1A to 2.78A) where the numbering and the Affymetrix Id are further defined by other parameters, e.g. gene bank accession number.

25

EXAMPLES

Example 1:   General experimental design of the invention and results

30   AML is a heterogeneous disease and includes a variety of different subtypes which vary in their biology and also in their sensitivity to chemotherapy. Here, we aimed at analyzing global gene expression signatures of a comprehensive cohort of 204 AML patients with 12 different genetic aberrations. All samples were hybridized onto U133 set microarrays (Affymetrix). Differentially expressed genes were

35   identified applying ANOVA and t-test-statistics (Welch t-test). Moreover, based on identified distinct gene expression signatures we designated respective training sets consisting of 2/3 of cases and test sets with 1/3 of cases to assess classification

accuracies. Assignment of cases to training and test set was randomized and balanced by diagnosis. Based on the training set we built a Support Vector Machine (SVM) model. First we analyzed an expanded cohort of AML with balanced chromosomal aberrations: t(8;21) (n=25), t(15;17) (n=20), t(11q23)/MLL

5   (n=31), and inv(16) (n=25). All AML subtypes with recurrent aberrations, as classified according to the current WHO proposal, can robustly be separated by highly specific gene signatures. We observed that balanced reciprocal translocations translate into dramatic gene expression changes caused by aberrant expression of leukemia-specific fusion proteins AML1-ETO, PML-RARα, CBFβ-

10   SMMHC, as well as dysregulation of HOX gene family members induced by chimeric MLL oncogenes, respectively. SVM subtype stratification accurately predicts all 33/33 independent test cases based on a 50-gene classifier. Next, AML with inv(3)/t(3;3) (n=18) and samples with complex aberrant karyotype (AML_komplext) (n=34) were added to the cohort. In both pairwise and multiclass

15   analyses specific expression signatures robustly distinguished inv(3)/t(3;3) and complex aberrant karyotype cases from the other subsets. Here, the SVM was trained on 106 samples and 47/48 independent test samples were accurately diagnosed. In addition, 51 cases with rare chromosomal aberrations were analyzed: trisomy 8 (n=12), trisomy 11 (n=7), trisomy 13 (n=7), as well as monosomy 7

20   (n=9), del(5q) (n=7) and del(9q) (n=9). Again, SVM subset prediction accurately identified samples with balanced and complex karyotype aberrations out of this larger cohort (sensitivity: 100%). The single unbalanced abnormalities demonstrated a less accurate assignment mainly due to misclassification in-between these groups. Two del(5q) cases were classified as samples with complex

25   aberrant karyotype, which demonstrated 5q deletions in all cases. Classification accuracy, however, may further be improved by focusing on genes located in regions with chromosomal gains or losses. It can be speculated that those rare aberrations per se are not leukemia-defining aberrations. In line with this concept, trisomy 8 and del(9q) cases can be observed in all different FAB subtypes, as well

30   as additional aberrations accompanying balanced translocations. It is more likely that so far unknown or not explicitly analyzed molecular mutations represent primary leukemogenic alterations. In conclusion, different cytogenetic aberrations result in measurable changes in global gene expression patterns. The spectrum of differentially expressed genes ranges from dramatic changes, as observed for

35   leukemias with disease-specific balanced chromosomal aberrations to clear but not robust signatures in AML subsets with typical but probably not disease-defining

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karyotype changes. Differentially expressed genes give new insights into underlying biological features and may be exploited for diagnostic approaches.

Example 2: General materials, methods and definitions of functional annotations

The methods section contains both information on statistical analyses used for identification of differentially expressed genes and detailed annotation data of identified microarray probesets.

Affymetrix Probeset Annotation

All annotation data of GeneChip® arrays are extracted from the NetAffx™ Analysis Center (internet website: www.affymetrix.com). Files for U133 set arrays, including U133A and U133B microarrays are derived from the June 2003 release. The original publication refers to: Liu G, Loraine AE, Shigeta R, Cline M, Cheng J, Valmeekam V, Sun S, Kulp D, Siani-Rose MA. NetAffx: Affymetrix probesets and annotations. Nucleic Acids Res. 2003;31(1):82-6.

The sequence data are omitted due to their large size, and because they do not change, whereas the annotation data are updated periodically, for example new information on chromomal location and functional annotation of the respective gene products. Sequence data are available for download in the NetAffx Download Center (www.affymetrix.com)

Data fields:

In the following section, the content of each field of the data files are described. Microarray probesets, for example found to be differentially expressed between different types of leukemia samples are further described by additional information. The fields are of the following types:

1. GeneChip Array Information
2. Probe Design Information
3. Public Domain and Genomic References

1. GeneChip Array Information

HG-U133 ProbeSet_ID:

HG-U133 ProbeSet_ID describes the probe set identifier. Examples are: 200007_at, 200011_s_at, 200012_x_at.

5   GeneChip:

The description of the GeneChip probe array name where the respective probeset is represented. Examples are: Affymetrix Human Genome U133A Array or Affymetrix Human Genome U133B Array.

10   2. Probe Design Information

Sequence Type:

The Sequence Type indicates whether the sequence is an Exemplar, Consensus or Control sequence. An Exemplar is a single nucleotide sequence taken directly from a public database. This sequence could be an mRNA or EST. A Consensus

15   sequence, is a nucleotide sequence assembled by Affymetrix, based on one or more sequence taken from a public database.

Transcript ID:

20   The cluster identification number with a sub-cluster identifier appended.

Sequence Derived From:

The accession number of the single sequence, or representative sequence on which the probe set is based. Refer to the "Sequence Source" field to determine the

25   database used.

Sequence ID:

For Exemplar sequences: Public accession number or GenBank identifier. For Consensus sequences: Affymetrix identification number or public accession

30   number.

Sequence Source:

The database from which the sequence used to design this probe set was taken. Examples are: GenBank®, RefSeq, UniGene, TIGR (annotations from The

35   Institute for Genomic Research).

3. Public Domain and Genomic References

Most of the data in this section come from LocusLink and UniGene databases, and are annotations of the reference sequence on which the probe set is modeled.

Gene Symbol and Title:

A gene symbol and a short title, when one is available. Such symbols are assigned by different organizations for different species. Affymetrix annotational data come from the UniGene record. There is no indication which species-specific databank was used, but some of the possibilities include for example HUGO: The Human Genome Organization.

MapLocation:

The map location describes the chromosomal location when one is available.

Unigene_Accession:

UniGene accession number and cluster type. Cluster type can be "full length" or "est", or "---" if unknown.

LocusLink:

This information represents the LocusLink accession number.

Full Length Ref. Sequences:

Indicates the references to multiple sequences in RefSeq. The field contains the ID and description for each entry, and there can be multiple entries per probeSet.

Example 3:   Sample preparation, processing and data analysis

Method 1:

Microarray analyses were performed utilizing the GeneChip® System (Affymetrix, Santa Clara, USA). Hybridization target preparations were performed according to recommended protocols (Affymetrix Technical Manual). In detail, at time of diagnosis, mononuclear cells were purified by Ficoll-Hypaque density centrifugation. They had been lysed immediately in RLT buffer (Qiagen, Hilden, Germany), frozen, and stored at -80°C from 1 week to 38 months. For gene expression profiling cell lysates of the leukemia samples were thawed,

homogenized (QIAshredder, Qiagen), and total RNA was extracted (RNeasy Mini Kit, Qiagen). Subsequently, 5-10 µg total RNA isolated from 1 x 10^7 cells was used as starting material for cDNA synthesis with oligo[(dT)$_{24}$T7promotor]$_{65}$ primer (cDNA Synthesis System, Roche Applied Science, Mannheim, Germany).
5   cDNA products were purified by phenol/chlorophorm/IAA extraction (Ambion, Austin, USA) and acetate/ethanol-precipitated overnight. For detection of the hybridized target nucleic acid biotin-labeled ribonucleotides were incorporated during the following *in vitro* transcription reaction (Enzo BioArray HighYield RNA Transcript Labeling Kit, Enzo Diagnostics). After quantification by
10   spectrophotometric measurements and 260/280 absorbance values assessment for quality control of the purified cRNA (RNeasy Mini Kit, Qiagen), 15 µg cRNA was fragmented by alkaline treatment (200 mM Tris-acetate, pH 8.2/500 mM potassium acetate/150 mM magnesium acetate) and added to the hybridization cocktail sufficient for five hybridizations on standard GeneChip microarrays (300 µl final
15   volume). Washing and staining of the probe arrays was performed according to the recommended Fluidics Station protocol (EukGE-WS2v4). Affymetrix Microarray Suite software (version 5.0.1) extracted fluorescence signal intensities from each feature on the microarrays as detected by confocal laser scanning according to the manufacturer's recommendations.

20

Expression analysis quality assessment parameters included visiual array inspection of the scanned image for the presence of image artifacts and correct grid alignment for the identification of distinct probe cells as well as both low 3'/5' ratio of housekeeping controls (mean: 1.90 for GAPDH) and high percentage of
25   detection calls (mean: 46.3% present called genes). The 3' to 5' ratio of GAPDH probesets can be used to assess RNA sample and assay quality. Signal values of the 3' probe sets for GAPDH are compared to the Signal values of the corresponding 5' probe set. The ratio of the 3' probe set to the 5' probe set is generally no more than 3.0. A high 3' to 5' ratio may indicate degraded RNA or inefficient synthesis
30   of ds cDNA or biotinylated cRNA (GeneChip® Expression Analysis Technical Manual, www.affymetrix.com). Detection calls are used to determine whether the transcript of a gene is detected (present) or undetected (absent) and were calculated using default parameters of the Microarray Analysis Suite MAS 5.0 software package.

35

Method 2:

Bone marrow (BM) aspirates are taken at the time of the initial diagnostic biopsy and remaining material is immediately lysed in RLT buffer (Qiagen), frozen and stored at -80 C until preparation for gene expression analysis. For microarray analysis the GeneChip System (Affymetrix, Santa Clara, CA, USA) is used. The targets for GeneChip analysis are prepared according to the current Expression Analysis. Briefly, frozen lysates of the leukemia samples are thawed, homogenized (QIAshredder, Qiagen) and total RNA extracted (RNeasy Mini Kit, Qiagen).Normally 10 ug total RNA isolated from 1 x 107 cells is used as starting material in the subsequent cDNA-Synthesis using Oligo-dT-T7-Promotor Primer (cDNA synthesis Kit, Roche Molecular Biochemicals). The cDNA is purified by phenol-chlorophorm extraction and precipitated with 100% Ethanol over night. For detection of the hybridized target nucleic acid biotin-labeled ribonucleotides are incorporated during the in vitro transcription reaction (Enzo® BioArray™ HighYield™ RNA Transcript Labeling Kit, ENZO). After quantification of the purified cRNA (RNeasy Mini Kit, Qiagen), 15 ug are fragmented by alkaline treatment (200 mM Tris-acetate, pH 8.2, 500 mM potassium acetate, 150 mM magnesium acetate) and added to the hybridization cocktail sufficient for 5 hybridizations on standard GeneChip microarrays. Before expression profiling Test3 Probe Arrays (Affymetrix) are chosen for monitoring of the integrity of the cRNA. Only labeled cRNA-cocktails which showed a ratio of the messured intensity of the 3' to the 5' end of the GAPDH gene less than 3.0 are selected for subsequent hybridization on HG-U133 probe arrays (Affymetrix). Washing and staining the Probe arrays is performed as described (siehe Affymetrix-Original-Literatur (LOCKHART und LIPSHUTZ). The Affymetrix software (Microarray Suite, Version 4.0.1) extracted fluorescence intensities from each element on the arrays as detected by confocal laser scanning according to the manufacturers recommendations.

Table 1

1. One-Versus-All (OVA)

1.1 AML_+11 versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	230322_at	NFAM1	-2.92	8.18E-13	9.71E-11	-1.11	-16.21	22q13.2
2	221002_s_at	DC-TM4F2	-2.12	1.17E-21	9.58E-19	-0.93	-15.80	10q22.3
3	242345_at		-4.42	9.66E-21	6.27E-18	-0.92	-15.55	
4	240389_at	TRPM6	-4.86	4.21E-34	2.33E-30	-0.81	-15.01	9q21.13
5	207430_s_at	MSMB	-4.58	1.05E-36	2.32E-32	-0.79	-14.83	10q11.2
6	210042_s_at	CTSZ	-3.34	2.62E-20	1.45E-17	-0.82	-14.10	20q13
7	200923_at	LGALS3BP	-7.36	6.85E-36	7.56E-32	-0.73	-14.01	17q25
8	229168_at	DKFZp434K0621	-2.99	6.64E-28	1.63E-24	-0.77	-14.00	5q35.3
9	230495_at	LOC150568	-4.39	8.51E-21	5.87E-18	-0.80	-13.90	2q12.1
10	216413_at		-4.65	1.42E-34	1.05E-30	-0.73	-13.79	
11	219505_at	CECR1	-5.06	1.53E-18	6.04E-16	-0.82	-13.79	22q11.2
12	208438_s_at	FGR	-5.11	1.44E-20	8.62E-18	-0.79	-13.67	1p36.2-p36.1
13	242574_at	KIAA0674	-4.29	6.59E-25	1.21E-21	-0.76	-13.61	9q32
14	231514_at	MGC15882	-2.20	4.17E-16	9.21E-14	-0.81	-13.37	1p34.3
15	225065_x_at	MGC40157	-3.29	2.91E-16	6.68E-14	-0.81	-13.36	17p11.2
16	238730_at	ARHGEF11	-3.68	6.35E-12	5.97E-10	-0.89	-13.35	1q21
17	217528_at	CLCA2	-4.95	4.87E-23	5.11E-20	-0.75	-13.34	1p31-p22
18	218389_s_at	APH-1A	-1.93	2.30E-08	8.50E-07	-1.07	-13.16	1p36.13-q31.3
19	222134_at	DDO	-5.63	5.80E-29	1.78E-25	-0.71	-13.14	6q21
20	230343_at		-5.48	1.50E-16	3.72E-14	-0.79	-13.10	
21	240419_at		-2.48	1.00E-29	3.68E-26	-0.69	-13.01	
22	239023_at	AF1Q	-2.77	2.05E-16	4.97E-14	-0.78	-12.99	1q21
23	202878_s_at	C1QR1	-6.61	3.64E-20	1.91E-17	-0.74	-12.96	20p11.21
24	238209_at		-3.13	4.22E-13	5.11E-11	-0.82	-12.77	
25	210248_at	WNT7A	-3.15	5.95E-15	1.10E-12	-0.78	-12.76	3p25
26	232464_at	TRIMP1	-1.74	8.28E-12	7.62E-10	-0.84	-12.76	11p15
27	223794_at	DKFZP434P1735	-3.98	3.28E-13	4.09E-11	-0.80	-12.64	10p12.1
28	241339_at		-4.01	5.04E-30	2.22E-26	-0.66	-12.52	
29	206325_at	SERPINA6	-2.41	1.37E-23	1.90E-20	-0.69	-12.52	14q32.1
30	203798_s_at	VSNL1	-4.56	3.18E-24	5.41E-21	-0.68	-12.48	2p24.3
31	211743_s_at	PRG2	-14.31	6.44E-29	1.78E-25	-0.65	-12.32	11q12
32	233705_at		-2.36	1.03E-12	1.16E-10	-0.78	-12.29	
33	215112_x_at	KIAA0861	-9.64	5.33E-22	4.90E-19	-0.68	-12.21	3q27.3
34	219085_s_at	GEMIN7	-3.40	2.12E-09	1.03E-07	-0.87	-12.06	19q13.32
35	203561_at	FCGR2A	-5.57	1.92E-22	1.93E-19	-0.66	-12.03	1q23
36	221879_at	MGC4809	-4.75	1.34E-16	3.36E-14	-0.71	-11.99	15q22.2
37	242767_at		-2.68	7.13E-11	5.20E-09	-0.80	-11.96	
38	206244_at	CR1	-10.09	1.39E-21	1.10E-18	-0.66	-11.96	1q32
39	228519_x_at	CIRBP	-1.69	1.39E-09	7.26E-08	-0.85	-11.94	19p13.3
40	244413_at	DCAL1	-6.25	4.78E-24	7.54E-21	-0.65	-11.94	12p13.2
41	224132_at	MGC13008	-1.70	2.14E-08	8.02E-07	-0.92	-11.91	17p11.2

48　　　　　　　　　　　　　　　　　Table 1

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
42	224356_x_at	MS4A6A	-5.50	5.32E-14	7.57E-12	-0.73	-11.89	11q12.1
43	228367_at	HAK	-1.84	2.20E-14	3.48E-12	-0.72	-11.87	18q21.31
44	202295_s_at	CTSH	-6.18	1.12E-18	4.48E-16	-0.67	-11.82	15q24-q25
45	235565_at	LOC155054	-3.99	2.18E-19	1.05E-16	-0.67	-11.81	7q36.1
46	223816_at	TSCOT	-4.67	1.24E-25	2.48E-22	-0.63	-11.79	9q32
47	241234_at		-1.88	8.41E-09	3.50E-07	-0.88	-11.78	
48	243745_at		-1.80	5.09E-17	1.40E-14	-0.68	-11.76	
49	221541_at	DKFZP434B044	-4.02	1.07E-25	2.36E-22	-0.63	-11.74	16q24.1
50	205055_at	ITGAE	-1.95	1.59E-07	4.55E-06	-0.99	-11.73	17p13

1.2 AML_+13 versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203949_at	MPO	-13.86	7.08E-41	1.05E-36	-1.16	-21.01	17q23.1
2	203948_s_at	MPO	-21.66	4.49E-50	1.33E-45	-0.98	-18.50	17q23.1
3	226141_at		-5.72	1.33E-37	7.90E-34	-1.00	-18.26	
4	224839_s_at	GPT2	-10.71	2.30E-38	1.70E-34	-0.96	-17.62	16q12.1
5	222668_at	MGC2628	-8.10	5.68E-14	1.57E-11	-1.15	-17.15	19q13.11
6	233255_s_at	BIVM	-15.98	2.85E-35	1.06E-31	-0.94	-17.08	13q32-q33.1
7	230206_at		-10.52	1.31E-09	1.62E-07	-1.29	-16.15	
8	203955_at	KIAA0649	-8.52	2.19E-12	4.56E-10	-1.08	-15.71	9q34.3
9	214763_at	THEA	-4.22	6.12E-20	3.86E-17	-0.93	-15.65	1p32.2
10	212688_at	PIK3CB	-2.94	3.54E-13	8.20E-11	-1.03	-15.47	3q22.3
11	222664_at	MGC2628	-6.08	5.03E-11	8.11E-09	-1.11	-15.37	19q13.11
12	220416_at	KIAA1939	-6.01	3.07E-16	1.36E-13	-0.96	-15.36	15q15.3
13	209739_s_at	DXS1283E	-5.27	2.40E-31	6.48E-28	-0.84	-15.24	Xp22.3
14	205653_at	CTSG	-10.68	4.15E-26	4.24E-23	-0.85	-15.13	14q11.2
15	223319_at	GPHN	-14.27	3.33E-39	3.29E-35	-0.79	-14.99	14q23.3
16	238784_at	FLJ32949	-6.51	7.33E-22	5.57E-19	-0.86	-14.87	12q14.1
17	209267_s_at	BIGM103	-3.17	8.31E-11	1.28E-08	-1.06	-14.79	4q22-q24
18	239091_at		-3.67	4.13E-31	1.02E-27	-0.80	-14.73	
19	205780_at	BIK	-16.18	1.13E-36	4.78E-33	-0.77	-14.60	22q13.31
20	208626_s_at	VAT1	-2.81	3.11E-13	7.31E-11	-0.96	-14.56	17q21
21	217963_s_at	NGFRAP1	-9.36	3.43E-17	1.64E-14	-0.89	-14.55	Xq22.1
22	220773_s_at	GPHN	-6.77	1.43E-09	1.74E-07	-1.10	-14.40	14q23.3
23	230207_s_at		-4.06	2.52E-08	2.21E-06	-1.21	-14.31	
24	242269_at	DKFZp761G0122	-2.72	9.61E-37	4.75E-33	-0.75	-14.29	1p36.32
25	204011_at	SPRY2	-7.38	2.46E-14	7.37E-12	-0.91	-14.27	13q22.1
26	204306_s_at	CD151	-6.41	1.03E-28	1.45E-25	-0.77	-14.05	11p15.5
27	214575_s_at	AZU1	-11.71	6.28E-15	2.19E-12	-0.88	-14.00	19p13.3
28	201596_x_at	KRT18	-10.25	1.72E-33	5.65E-30	-0.74	-13.93	12q13
29	227711_at	FLJ32942	-6.06	1.21E-13	3.13E-11	-0.88	-13.76	12q13.13
30	206067_s_at	WT1	-21.81	5.56E-28	7.48E-25	-0.75	-13.70	11p13
31	209099_x_at	JAG1	-9.11	1.20E-17	6.14E-15	-0.82	-13.69	20p12.1-p11.23
32	217188_s_at	C14orf1	-5.30	3.24E-24	2.82E-21	-0.76	-13.62	14q24.3
33	205107_s_at	EFNA4	-3.91	4.09E-14	1.17E-11	-0.86	-13.57	1q21-q22
34	214039_s_at	LAPTM4B	-8.09	3.47E-29	6.05E-26	-0.73	-13.56	8q22.1

Table 1

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
35	217849_s_at	CDC42BPB	-8.18	8.04E-18	4.18E-15	-0.80	-13.50	14q32.3
36	219869_s_at	BIGM103	-3.14	9.17E-09	8.97E-07	-1.07	-13.49	4q22-q24
37	206480_at	LTC4S	-7.72	8.82E-30	1.87E-26	-0.73	-13.47	5q35
38	239598_s_at	FLJ20481	-4.60	5.13E-09	5.37E-07	-1.04	-13.43	16q12.1
39	241673_x_at		-5.71	3.14E-32	9.29E-29	-0.71	-13.40	
40	219078_at	FLJ10252	-2.55	6.01E-08	4.72E-06	-1.14	-13.35	1q41
41	223703_at	CDA017	-4.28	1.36E-08	1.27E-06	-1.06	-13.30	10q23.1
42	238021_s_at		-7.97	4.82E-19	2.86E-16	-0.78	-13.30	
43	232918_at		-4.27	8.15E-29	1.27E-25	-0.71	-13.21	
44	230263_s_at		-4.89	1.04E-07	7.57E-06	-1.15	-13.17	
45	238022_at		-7.44	2.24E-20	1.51E-17	-0.75	-13.08	
46	217876_at	GTF3C5	-3.96	2.09E-26	2.21E-23	-0.71	-12.95	9q34
47	221848_at	KIAA1847	-3.23	1.96E-13	4.84E-11	-0.82	-12.95	20q13.3
48	209619_at	CD74	1.68	6.17E-08	4.80E-06	1.07	12.80	5q32
49	217975_at	LOC51186	-5.37	2.75E-14	8.08E-12	-0.79	-12.79	Xq22.1
50	227182_at	MGC26847	-5.02	1.85E-17	9.27E-15	-0.75	-12.78	9q22.2

1.3 AML_+8 versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	206761_at	TACTILE	-6.62	8.85E-25	3.36E-20	-0.64	-11.75	3q13.13
2	212259_s_at	HPIP	-3.93	1.03E-16	8.29E-13	-0.60	-10.32	1q21.3
3	212489_at	COL5A1	-5.23	9.15E-20	1.74E-15	-0.52	-9.79	9q34.2-q34.3
4	200923_at	LGALS3BP	-4.75	1.23E-13	5.21E-10	-0.59	-9.74	17q25
5	211907_s_at	PARD6B	-2.53	3.99E-13	1.52E-09	-0.57	-9.42	20q13.13
6	204116_at	IL2RG	-2.42	7.40E-11	1.61E-07	-0.61	-9.23	Xq13.1
7	235532_at		-4.66	1.92E-17	2.44E-13	-0.49	-9.16	
8	221286_s_at	PACAP	-6.62	1.09E-16	8.29E-13	-0.48	-8.93	5q23-5q31
9	211743_s_at	PRG2	-6.67	1.03E-12	3.56E-09	-0.54	-8.92	11q12
10	219663_s_at	MGC4659	-2.76	6.39E-12	2.03E-08	-0.55	-8.88	14q32.33
11	216554_s_at	ENO1	-1.47	2.63E-09	2.64E-06	-0.64	-8.87	1p36.3-p36.2
12	233040_at		-5.25	2.40E-16	1.52E-12	-0.46	-8.66	
13	220591_s_at	FLJ22843	-2.14	5.09E-10	7.54E-07	-0.58	-8.62	Xp11.3
14	218731_s_at	FLJ22215	-3.04	1.77E-11	4.48E-08	-0.53	-8.61	1p36.33
15	226282_at		-8.37	9.47E-15	5.14E-11	-0.46	-8.48	
16	204468_s_at	TIE	-6.64	7.96E-11	1.61E-07	-0.52	-8.30	1p34-p33
17	205910_s_at	CEL	-3.27	1.47E-14	6.99E-11	-0.44	-8.21	9q34.3
18	214436_at	FBXL2	-2.13	4.23E-10	6.70E-07	-0.52	-8.13	3p22.2
19	239933_x_at		-2.15	6.03E-10	7.90E-07	-0.51	-7.95	
20	231903_x_at	KIAA1501	-2.29	7.97E-09	6.06E-06	-0.55	-7.94	17q21.1
21	238726_at		-2.14	2.78E-09	2.71E-06	-0.53	-7.94	
22	221525_at	DKFZp761I2123	-1.78	1.55E-10	2.81E-07	-0.48	-7.84	7p12.3
23	216412_x_at	IGL	-2.72	1.52E-08	9.98E-06	-0.54	-7.75	22q11.1-q11.2
24	237216_at		-3.18	5.91E-09	4.88E-06	-0.52	-7.73	
25	219553_at	NME7	-1.59	1.48E-08	9.90E-06	-0.52	-7.64	1q24
26	39549_at	NPAS2	-2.39	7.11E-12	2.08E-08	-0.43	-7.60	2q11.2
27	225406_at	TWSG1	-1.97	2.02E-07	7.39E-05	-0.59	-7.59	18p11.3

Table 1

# affy id	HUGO name	fc	p	q	stn	t	Map Location
28 209618_at	CTNND2	-1.94	9.66E-10	1.11E-06	-0.47	-7.59	5p15.2
29 216017_s_at	NAB2	-2.34	3.79E-10	6.26E-07	-0.46	-7.57	12q13.3-q14.1
30 220333_at	FLJ20190	-2.24	9.06E-12	2.46E-08	-0.43	-7.56	15q22.31
31 203329_at	PTPRM	-3.48	2.56E-10	4.43E-07	-0.45	-7.54	18p11.2
32 210576_at	CYP4F8	-2.20	4.50E-11	1.07E-07	-0.44	-7.53	19p13.1
33 239594_at		-2.25	5.28E-10	7.54E-07	-0.45	-7.48	
34 225238_at		-2.92	2.47E-08	1.48E-05	-0.51	-7.47	
35 228907_at		-2.84	1.27E-09	1.42E-06	-0.46	-7.44	
36 201379_s_at	TPD52L2	-1.81	1.70E-08	1.08E-05	-0.49	-7.37	20q13.2-q13.3
37 209365_s_at	ECM1	-1.98	5.24E-09	4.53E-06	-0.47	-7.37	1q21
38 226807_at	FLJ34243	-1.78	7.74E-07	2.37E-04	-0.62	-7.37	16q22.3
39 214029_at		-2.66	1.15E-08	8.09E-06	-0.49	-7.37	
40 243579_at	MSI2	-3.14	9.09E-08	4.03E-05	-0.53	-7.35	17q23.1
41 221948_s_at	FLJ14360	-1.69	8.03E-11	1.61E-07	-0.42	-7.28	22q11.21
42 218999_at	FLJ11000	-1.78	2.08E-07	7.55E-05	-0.54	-7.25	7q33
43 214177_s_at	HPIP	-1.74	1.04E-06	2.81E-04	-0.60	-7.18	1q21.3
44 208457_at	GABRD	-2.13	9.01E-08	4.03E-05	-0.51	-7.17	1p36.3
45 209911_x_at	HIST1H2BD	-1.80	1.05E-07	4.43E-05	-0.51	-7.16	6p21.3
46 225889_at	MGC17922	-1.58	1.17E-06	3.00E-04	-0.60	-7.13	12p12.3
47 206539_s_at	CYP4F12	-1.89	9.09E-10	1.08E-06	-0.42	-7.09	19p13.1
48 220240_s_at	C13orf11	-1.84	1.27E-06	3.20E-04	-0.59	-7.07	13q34
49 232129_s_at	KIAA1813	-2.76	8.54E-10	1.05E-06	-0.42	-7.06	10q24
50 211071_s_at	AF1Q	-2.24	5.99E-07	1.91E-04	-0.54	-7.00	1q21

1.4 AML_-7 versus rest

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 225002_s_at	DKFZP566I1024	-2.98	2.48E-13	2.24E-10	-1.29	-17.63	7q11.1
2 226032_at	CASP2	-2.21	7.42E-16	1.12E-12	-1.16	-17.29	7q34-q35
3 200976_s_at	TAX1BP1	-1.89	3.06E-12	1.72E-09	-1.32	-17.23	7p15
4 213780_at	THH	-4.18	3.40E-34	1.07E-29	-0.91	-16.53	1q21.3
5 214743_at	CUTL1	-1.87	8.91E-14	9.37E-11	-1.12	-16.05	7q22
6 218378_s_at	FLJ13902	-2.49	1.67E-15	2.40E-12	-1.04	-15.71	7q22.1
7 213893_x_at	PMS2L5	-2.28	4.46E-10	1.30E-07	-1.20	-14.64	7q11-q22
8 225935_at		-2.40	5.03E-11	1.89E-08	-1.12	-14.63	
9 216843_x_at		-2.04	1.26E-09	3.29E-07	-1.15	-13.83	
10 210962_s_at	AKAP9	-2.46	3.79E-12	2.06E-09	-0.94	-13.42	7q21-q22
11 232367_x_at	LOC90850	-4.69	1.02E-32	1.61E-28	-0.70	-13.35	16p13.3
12 224751_at		-2.09	2.33E-10	7.20E-08	-1.01	-13.19	
13 231365_at	HOXA9	-4.56	7.60E-26	4.00E-22	-0.73	-13.16	7p15-p14
14 216525_x_at	PMS2L3	-1.96	1.86E-10	6.00E-08	-0.99	-13.11	7q11-q22
15 214526_x_at	PMS2L8	-1.93	8.95E-09	1.88E-06	-1.12	-12.85	7q22
16 225238_at		-4.87	1.45E-25	6.53E-22	-0.71	-12.82	
17 208921_s_at	SRI	-1.80	8.61E-11	3.02E-08	-0.93	-12.67	7q21.1
18 220854_at	PRO0246	-4.40	8.39E-27	5.30E-23	-0.68	-12.62	6p25.1
19 242622_x_at		-4.36	3.80E-29	4.00E-25	-0.67	-12.56	
20 221073_s_at	CARD4	-1.69	1.38E-08	2.75E-06	-1.06	-12.25	7p15-p14

Table 1

21	214473_x_at	PMS2L9	-1.94	1.41E-08	2.79E-06	-1.05	-12.13	7q11.23
22	226386_at	LOC115416	-2.21	3.18E-09	7.65E-07	-0.97	-12.12	7p15.3
23	222512_at	NYREN18	-1.85	1.81E-10	5.88E-08	-0.89	-12.11	7q36
24	212068_s_at	KIAA0515	-4.86	4.55E-28	3.59E-24	-0.64	-12.07	9q34.2
25	209036_s_at	MDH2	-1.88	3.96E-08	6.51E-06	-1.10	-12.03	7p12.3-q11.2
26	225932_s_at		-1.85	5.79E-08	8.86E-06	-1.13	-12.02	
27	226364_at		-4.69	8.06E-17	1.50E-13	-0.72	-12.01	
28	201317_s_at	PSMA2	-1.67	3.46E-08	5.78E-06	-1.07	-11.91	7p13
29	225762_x_at		-4.00	6.53E-15	8.96E-12	-0.72	-11.75	
30	200977_s_at	TAX1BP1	-2.13	8.44E-08	1.19E-05	-1.12	-11.74	7p15
31	214351_x_at	RPL13	1.39	1.07E-07	1.40E-05	1.14	11.72	16q24.3
32	201327_s_at	CCT6A	-1.96	6.45E-08	9.51E-06	-1.09	-11.71	7p11.1
33	218321_x_at	MK-STYX	-2.56	4.38E-08	7.15E-06	-1.04	-11.63	7q11.23
34	217485_x_at	PMS2L1	-2.08	1.63E-07	1.97E-05	-1.16	-11.60	7q11-q22
35	225556_at	LOC203547	-1.83	1.75E-08	3.37E-06	-0.96	-11.42	Xq28
36	219041_s_at	RIP60	-2.28	3.14E-08	5.29E-06	-0.99	-11.41	7q36.1
37	215335_at		-2.99	5.56E-17	1.10E-13	-0.67	-11.37	
38	213097_s_at	ZRF1	-2.37	9.56E-08	1.31E-05	-1.06	-11.35	7q22-q32
39	222299_x_at		-6.41	7.66E-21	2.69E-17	-0.63	-11.32	
40	207202_s_at	NR1I2	-4.24	5.63E-09	1.24E-06	-0.89	-11.27	3q12-q13.3
41	201405_s_at	COPS6	-2.00	6.16E-08	9.17E-06	-1.01	-11.26	7q22.1
42	214457_at	HOXA2	-5.10	3.65E-19	1.05E-15	-0.64	-11.25	7p15-p14
43	206688_s_at	CPSF4	-1.44	1.17E-09	3.09E-07	-0.84	-11.25	7q22.1
44	226336_at	PPIA	-2.19	2.63E-07	2.84E-05	-1.13	-11.21	7p13-p11.2
45	226529_at	FLJ11273	-2.63	7.02E-10	1.93E-07	-0.82	-11.17	7p21.3
46	239896_at		-2.34	2.14E-08	3.91E-06	-0.93	-11.16	
47	208688_x_at	EIF3S9	-1.75	1.12E-07	1.45E-05	-1.02	-11.07	7p22.3
48	228476_at	KIAA1407	-2.81	5.11E-11	1.90E-08	-0.75	-11.02	3q13.2
49	226691_at	KIAA1856	-2.29	8.74E-08	1.22E-05	-0.99	-11.00	7p22.2
50	205778_at	KLK7	-3.90	2.25E-10	7.02E-08	-0.77	-10.98	19q13.33

1.5 AML_5q versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	230872_s_at	DKFZP434B103	-5.94	3.99E-39	1.41E-34	-1.01	-18.36	3p25.3
2	224916_at		-3.51	4.18E-22	3.69E-18	-1.09	-18.20	
3	217379_at		-2.09	1.50E-17	4.42E-14	-1.01	-16.38	
4	205382_s_at	DF	-5.88	2.32E-14	3.85E-11	-0.98	-15.17	19p13.3
5	216032_s_at	SDBCAG84	-2.84	3.93E-11	3.96E-08	-0.97	-13.90	20pter-q12
6	205366_s_at	HOXB6	-25.16	5.77E-34	1.02E-29	-0.71	-13.51	17q21.3
7	236091_at		-3.10	3.79E-10	2.84E-07	-0.91	-12.84	
8	238021_s_at		-6.52	6.09E-15	1.40E-11	-0.74	-12.20	
9	238951_at		-4.84	5.01E-17	1.36E-13	-0.70	-11.95	
10	211922_s_at	CAT	-3.55	1.26E-21	7.42E-18	-0.66	-11.88	11p13
11	200982_s_at	ANXA6	-3.32	2.73E-10	2.09E-07	-0.81	-11.83	5q32-q34
12	228526_at		-3.01	1.40E-07	4.71E-05	-0.98	-11.72	
13	215955_x_at	GRAF	-5.09	7.22E-23	8.49E-19	-0.64	-11.67	5q31

Table 1

# affy id	HUGO name	fc	p	q	stn	t	Map Location
14 206967_at	CCNT1	-2.19	2.26E-14	3.85E-11	-0.70	-11.62	12pter-qter
15 223696_at		-2.76	5.70E-10	3.87E-07	-0.78	-11.40	
16 202593_s_at	MIR16	-1.92	1.24E-09	7.79E-07	-0.78	-11.25	16p12-p11.2
17 231600_at		-6.08	8.00E-21	4.03E-17	-0.61	-11.15	
18 228904_at		-4.89	4.13E-19	1.46E-15	-0.61	-10.96	
19 201635_s_at	FXR1	-2.38	3.32E-09	1.77E-06	-0.76	-10.87	3q28
20 215559_at	ABCC6	-3.76	2.75E-19	1.08E-15	-0.59	-10.69	16p13.1
21 208717_at	OXA1L	-1.85	1.04E-06	2.70E-04	-0.96	-10.66	14q11.2
22 236892_s_at		-7.71	7.26E-18	2.33E-14	-0.58	-10.47	
23 208629_s_at	HADHA	-2.12	1.84E-08	8.40E-06	-0.76	-10.45	2p23
24 220119_at	EPB41L4A	-2.27	1.62E-20	7.15E-17	-0.55	-10.32	5q22.1
25 212009_s_at	STIP1	-6.51	1.13E-21	7.42E-18	-0.54	-10.30	11q13
26 233825_s_at	CD99L2	-2.99	3.42E-07	1.02E-04	-0.83	-10.26	Xq28
27 224175_s_at	TRIM34	-3.16	1.52E-14	2.98E-11	-0.60	-10.22	11p15
28 244548_at		-3.71	9.68E-11	8.33E-08	-0.65	-10.20	
29 205899_at	CCNA1	-5.89	7.88E-15	1.64E-11	-0.59	-10.13	13q12.3-q13
30 200751_s_at	HNRPC	-2.64	1.21E-10	9.96E-08	-0.63	-9.94	14q11.1
31 227056_at		-1.82	8.63E-07	2.32E-04	-0.82	-9.85	
32 226840_at		-1.75	4.36E-09	2.26E-06	-0.66	-9.76	
33 211016_x_at	HSPA4	-1.63	1.09E-06	2.81E-04	-0.82	-9.71	5q31.1-q31.2
34 207293_s_at	AGTR2	-2.25	1.50E-09	8.96E-07	-0.63	-9.62	Xq22-q23
35 200764_s_at	CTNNA1	-1.88	1.52E-06	3.65E-04	-0.81	-9.55	5q31
36 239791_at		-6.76	4.64E-12	5.64E-09	-0.57	-9.48	
37 202113_s_at	SNX2	-2.07	3.34E-06	6.76E-04	-0.86	-9.47	5q23
38 210213_s_at	ITGB4BP	-1.76	1.34E-06	3.36E-04	-0.78	-9.37	20q12
39 231736_x_at	MGST1	-3.07	5.68E-06	1.01E-03	-0.86	-9.24	12p12.3-p12.1
40 205883_at	ZNF145	-2.38	9.25E-08	3.26E-05	-0.67	-9.23	11q23.1
41 208967_s_at	AK2	-1.93	1.66E-08	7.69E-06	-0.63	-9.22	1p34
42 231175_at	FLJ30162	-4.73	6.91E-12	8.13E-09	-0.54	-9.08	6p11.1
43 202444_s_at	KEO4	-1.68	6.18E-11	5.74E-08	-0.55	-9.06	10q21-q22
44 206380_s_at	PFC	-4.65	3.12E-08	1.31E-05	-0.63	-9.04	Xp11.3-p11.23
45 230757_at		-3.21	2.13E-09	1.19E-06	-0.58	-9.00	
46 205048_s_at	PSPHL	-5.70	2.00E-14	3.71E-11	-0.50	-8.96	7q11.2
47 238022_at		-4.98	9.87E-08	3.45E-05	-0.64	-8.96	
48 208843_s_at	GORASP2	1.53	3.05E-05	3.97E-03	1.04	8.94	2p24.3-q21.3
49 232979_at		-2.92	1.68E-09	9.73E-07	-0.57	-8.93	
50 231740_at	KCNJ11	-2.89	7.36E-13	9.99E-10	-0.51	-8.92	11p15.1

1.6 AML_9q versus rest

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 223865_at	SOX6	-3.06	3.52E-14	3.43E-11	-1.03	-15.23	11p15.3
2 239856_at		-3.30	1.11E-19	7.30E-16	-0.70	-12.10	
3 214842_s_at	ALB	-3.21	1.04E-16	1.83E-13	-0.67	-11.33	4q11-q13
4 236666_s_at		-2.91	2.83E-18	7.47E-15	-0.65	-11.32	
5 230778_at		-5.33	4.27E-19	1.61E-15	-0.64	-11.32	
6 229836_s_at	NUDT4	-3.95	1.56E-13	1.29E-10	-0.71	-11.28	

Table 1

7 244266_at	AKR1C1	-2.68	3.91E-18	8.59E-15	-0.65	-11.26	10p15-p14
8 230311_s_at	PRDM6	-2.76	5.89E-18	1.19E-14	-0.64	-11.11	5q23.2
9 228119_at	MGC4126	-2.97	5.72E-20	5.02E-16	-0.62	-11.10	3q29
10 240464_at		-2.14	1.30E-10	3.44E-08	-0.77	-11.07	
11 232553_at	PCYT1B	-4.34	1.35E-11	5.72E-09	-0.72	-10.91	Xp22.12
12 236584_at		-2.58	3.09E-19	1.36E-15	-0.61	-10.88	
13 210960_at	ADRA1D	-2.99	1.29E-20	1.70E-16	-0.59	-10.78	20p13
14 237401_at	ACTN1	-2.13	8.84E-11	2.53E-08	-0.73	-10.74	14q24
15 230249_at	KHDRBS3	-5.88	9.19E-23	2.42E-18	-0.57	-10.73	8q24.2
16 208639_x_at	P5	1.74	1.71E-07	1.52E-05	0.99	10.71	2p25.1
17 228784_at		-2.87	1.40E-16	2.31E-13	-0.60	-10.49	
18 234703_at	HHLA3	-3.36	4.22E-14	3.97E-11	-0.63	-10.39	1p31.1
19 217328_at	TRB	-3.21	1.66E-11	6.74E-09	-0.67	-10.28	7q34
20 231473_at		-3.42	8.78E-13	5.51E-10	-0.64	-10.26	
21 205561_at	FLJ12242	-2.30	3.81E-10	8.88E-08	-0.69	-10.08	22q13.1
22 229636_at	RAB7	-2.64	7.04E-19	2.32E-15	-0.55	-10.05	3q21.3
23 237767_at		-3.31	2.18E-14	2.39E-11	-0.59	-10.04	
24 241575_at		-2.79	2.07E-12	1.09E-09	-0.62	-9.96	
25 222565_s_at	PRKCN	-4.89	9.20E-19	2.69E-15	-0.54	-9.94	2p21
26 239828_at	FLJ25791	-2.59	1.65E-12	9.25E-10	-0.61	-9.94	6q21
27 232651_at		-3.30	2.47E-11	9.44E-09	-0.64	-9.91	
28 240539_at		-2.83	5.42E-09	8.76E-07	-0.72	-9.89	
29 209488_s_at	RBPMS	-10.53	1.82E-19	9.59E-16	-0.53	-9.83	8p12-p11
30 207470_at	DKFZp566H0824	-3.34	1.32E-09	2.56E-07	-0.68	-9.77	1p36.22
31 214899_at	LOC284323	-5.03	6.33E-17	1.19E-13	-0.54	-9.72	19q13.13
32 232869_at	SRGAP2	-2.25	1.12E-15	1.55E-12	-0.55	-9.64	3p25.3
33 230939_at		-2.21	4.39E-07	3.18E-05	-0.88	-9.64	
34 229413_s_at	RNF3	-1.90	6.50E-08	6.77E-06	-0.77	-9.64	4p16.3
35 237018_at		-3.02	4.05E-08	4.51E-06	-0.75	-9.63	
36 204073_s_at	C11orf9	-3.90	8.04E-09	1.22E-06	-0.70	-9.63	11q12-q13.1
37 235742_at	ARHC	-2.97	5.54E-09	8.89E-07	-0.68	-9.54	1p13.1
38 239477_at	FLJ25200	-3.92	1.10E-13	9.34E-11	-0.56	-9.51	3p24.3
39 208105_at	GIPR	-2.71	7.39E-15	8.85E-12	-0.54	-9.48	19q13.3
40 214217_at		-3.53	1.54E-10	4.03E-08	-0.62	-9.48	
41 232444_at		-3.58	1.97E-13	1.53E-10	-0.56	-9.46	
42 201011_at	RPN1	1.61	1.99E-06	1.05E-04	1.00	9.45	3q21.3-q25.2
43 242056_at	TRIM45	-1.89	1.59E-08	2.15E-06	-0.70	-9.41	1p11.2
44 241256_at		-3.50	6.45E-09	1.02E-06	-0.67	-9.38	
45 229011_at		-2.57	2.34E-09	4.12E-07	-0.65	-9.35	
46 217240_at	POLR2L	-2.12	1.15E-09	2.23E-07	-0.63	-9.34	11p15
47 227145_at	LOXL4	-1.49	3.84E-12	1.87E-09	-0.57	-9.32	10q24
48 229280_s_at		-3.15	8.07E-09	1.22E-06	-0.67	-9.30	
49 209487_at	RBPMS	-5.88	3.66E-18	8.59E-15	-0.49	-9.29	8p12-p11
50 229661_at	SALL4	-2.30	5.65E-14	5.13E-11	-0.54	-9.27	20q13.13-q13.2

1.7 AML_MLL versus rest

Table 1

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	226517_at	BCAT1	-7.92	4.24E-45	9.33E-41	-0.90	-16.80	12pter-q12
2	211137_s_at	ATP2C1	-2.18	2.96E-37	1.08E-33	-0.88	-15.91	3q21-q24
3	225344_at	ERAP140	-3.74	2.17E-38	9.55E-35	-0.87	-15.87	6q22.33.
4	202746_at	ITM2A	-7.69	8.60E-39	4.73E-35	-0.83	-15.45	Xq13.3-Xq21.2
5	213258_at		-8.23	1.36E-40	1.50E-36	-0.80	-15.25	
6	205453_at	HOXB2	-7.90	4.90E-34	1.35E-30	-0.85	-15.22	17q21-q22
7	201830_s_at	NET1	-3.58	3.05E-31	6.10E-28	-0.87	-15.11	10p15
8	205624_at	CPA3	-11.61	6.88E-40	5.05E-36	-0.79	-15.01	3q21-q25
9	202747_s_at	ITM2A	-7.72	1.88E-33	4.60E-30	-0.79	-14.40	Xq13.3-Xq21.2
10	220306_at	FLJ20202	-3.63	8.77E-30	1.13E-26	-0.81	-14.26	1p11.1
11	213549_at	PRO2730	-3.09	1.26E-30	2.14E-27	-0.78	-14.00	3p21.31
12	206761_at	TACTILE	-11.44	2.73E-35	8.57E-32	-0.74	-13.91	3q13.13
13	201829_at	NET1	-2.35	1.51E-26	1.23E-23	-0.79	-13.55	10p15
14	225831_at	LOC148894	-3.03	2.13E-24	1.15E-21	-0.81	-13.41	1p36.11
15	214390_s_at	BCAT1	-6.16	2.33E-30	3.66E-27	-0.73	-13.36	12pter-q12
16	208116_s_at	MAN1A1	-3.78	5.01E-30	6.89E-27	-0.73	-13.29	6q22
17	225285_at		-6.52	9.51E-26	6.16E-23	-0.77	-13.24	
18	200923_at	LGALS3BP	-6.84	2.29E-32	5.05E-29	-0.69	-13.14	17q25
19	225532_at	LOC91768	-2.89	1.92E-28	2.22E-25	-0.73	-13.09	18q11.1
20	221760_at	MAN1A1	-5.00	4.20E-31	7.70E-28	-0.70	-13.06	6q22
21	219188_s_at	LRP16	-3.36	3.53E-26	2.68E-23	-0.74	-13.00	11q11
22	218966_at	MYO5C	-2.29	2.55E-24	1.28E-21	-0.75	-12.77	15q21
23	236513_at		-2.52	2.07E-25	1.27E-22	-0.72	-12.63	
24	210365_at	RUNX1	-2.85	8.39E-27	7.69E-24	-0.70	-12.61	21q22.3
25	205601_s_at	HOXB5	-2.48	3.42E-29	4.18E-26	-0.67	-12.60	17q21.3
26	227297_at		-7.49	3.11E-30	4.57E-27	-0.66	-12.60	
27	203544_s_at	STAM	-2.75	2.02E-21	7.95E-19	-0.77	-12.46	10p14-p13
28	204951_at	ARHH	-3.48	3.12E-21	1.15E-18	-0.76	-12.30	4p13
29	231767_at	HOXB4	-2.80	1.63E-25	1.02E-22	-0.69	-12.28	17q21-q22
30	210665_at	TFPI	-7.85	2.62E-27	2.62E-24	-0.66	-12.22	2q31-q32.1
31	225830_at	LOC118987	-2.65	4.43E-26	3.14E-23	-0.67	-12.22	10q26.12
32	214452_at	BCAT1	-3.46	2.00E-24	1.10E-21	-0.68	-12.11	12pter-q12
33	210664_s_at	TFPI	-5.42	8.61E-26	5.74E-23	-0.67	-12.10	2q31-q32.1
34	226342_at		-5.00	6.85E-27	6.55E-24	-0.65	-12.07	
35	224049_at	KCNK17	-2.59	9.67E-24	4.73E-21	-0.69	-12.05	6p21.1
36	233849_s_at	ARHGAP5	-5.71	5.41E-23	2.43E-20	-0.70	-12.05	14q12
37	219686_at	HSA250839	-8.00	6.65E-28	7.31E-25	-0.63	-11.95	4p16.2
38	225653_at		-1.65	4.26E-20	1.27E-17	-0.74	-11.91	
39	236198_at		-5.21	9.26E-25	5.23E-22	-0.66	-11.88	
40	218086_at	NPDC1	-8.79	1.77E-27	1.86E-24	-0.63	-11.85	9q34.3
41	209676_at	TFPI	-2.74	2.78E-23	1.30E-20	-0.67	-11.80	2q31-q32.1
42	210993_s_at	MADH1	-5.91	1.51E-26	1.23E-23	-0.63	-11.80	4q28
43	201242_s_at	ATP1B1	-3.88	2.84E-21	1.10E-18	-0.70	-11.80	1q22-q25
44	219789_at	NPR3	-4.88	6.08E-26	4.18E-23	-0.64	-11.78	5p14-p13
45	227461_at	STN2	-3.67	1.44E-26	1.23E-23	-0.62	-11.73	14q31.1
46	242051_at		-2.99	7.57E-23	3.27E-20	-0.66	-11.66	
47	220104_at	ZAP	-2.46	8.01E-21	2.80E-18	-0.70	-11.64	7q34

Table 1

48 207850_at	CXCL3	-7.95	2.86E-26	2.25E-23	-0.61	-11.53	4q21
49 232424_at	PRDM16	-10.91	4.32E-26	3.14E-23	-0.61	-11.49	1p36.23-p33
50 236251_at		-3.66	1.38E-22	5.83E-20	-0.65	-11.45	

1.8 AML_inv(16) versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	202370_s_at	CBFB	-2.73	8.75E-38	1.39E-34	-1.25	-20.97	16q22.1
2	214651_s_at	HOXA9	-12.45	4.68E-59	1.19E-54	-1.07	-20.19	7p15-p14
3	235753_at		-7.69	1.43E-58	1.82E-54	-1.02	-19.54	
4	227567_at		-4.27	1.40E-28	6.27E-26	-1.21	-18.93	
5	209905_at	HOXA9	-34.12	3.72E-55	3.16E-51	-0.99	-18.78	7p15-p14
6	226352_at		-5.67	4.86E-43	1.77E-39	-1.01	-18.26	
7	225055_at	DKFZp667M2411	-4.12	1.25E-27	5.04E-25	-1.13	-17.80	17q11.2
8	217963_s_at	NGFRAP1	-12.29	4.06E-45	1.72E-41	-0.93	-17.29	Xq22.1
9	213737_x_at		-2.42	4.29E-29	2.14E-26	-1.05	-17.19	
10	206847_s_at	HOXA7	-4.50	9.82E-38	1.47E-34	-0.95	-16.97	7p15-p14
11	201669_s_at	MARCKS	-11.49	1.71E-47	1.09E-43	-0.89	-16.90	6q22.2
12	211031_s_at	CYLN2	-6.76	4.12E-46	2.10E-42	-0.89	-16.81	7q11.23
13	222786_at	C4S-2	-3.19	3.17E-39	5.77E-36	-0.92	-16.66	7p22
14	200985_s_at	CD59	-7.54	1.16E-40	2.46E-37	-0.89	-16.47	11p13
15	225102_at	LOC152009	-4.26	7.70E-32	5.60E-29	-0.95	-16.34	3q21.3
16	219218_at	FLJ23058	-5.81	1.53E-42	4.87E-39	-0.87	-16.24	17q25.3
17	223044_at	SLC11A3	-8.53	1.14E-38	1.94E-35	-0.88	-16.08	2q32
18	228497_at	FLIPT1	-4.79	3.06E-42	8.64E-39	-0.85	-16.02	1p13.1
19	223471_at	RAB3IP	-3.27	4.34E-24	1.18E-21	-1.01	-15.72	
20	200984_s_at	CD59	-3.54	9.73E-34	8.26E-31	-0.88	-15.65	11p13
21	212463_at		-5.52	3.28E-41	8.35E-38	-0.83	-15.62	
22	224952_at	DKFZP564D166	-3.76	1.11E-21	2.47E-19	-1.05	-15.60	17q23.3
23	229215_at	ASCL2	-6.22	1.34E-35	1.63E-32	-0.86	-15.55	11p15.5
24	209406_at	BAG2	-4.03	2.50E-36	3.18E-33	-0.84	-15.41	6p12.3-p11.2
25	241985_at	FLJ37870	-5.50	4.11E-31	2.76E-28	-0.88	-15.32	5q13.3
26	235521_at	HOXA3	-12.20	5.30E-41	1.23E-37	-0.80	-15.29	7p15-p14
27	241706_at	LOC144402	-5.16	6.93E-31	4.41E-28	-0.88	-15.27	12q11
28	213779_at	LOC129080	-3.00	8.00E-29	3.70E-26	-0.89	-15.24	22q12.1
29	218414_s_at	NUDE1	-2.16	1.04E-23	2.80E-21	-0.97	-15.23	16p13.11
30	230894_s_at		-9.49	7.31E-37	1.03E-33	-0.83	-15.23	
31	235391_at	LOC137392	-8.31	1.71E-40	3.35E-37	-0.79	-15.16	8q21.3
32	213002_at	MARCKS	-3.18	2.13E-36	2.85E-33	-0.78	-14.65	6q22.2
33	204198_s_at	RUNX3	-4.76	3.10E-28	1.36E-25	-0.84	-14.48	1p36
34	213241_at		-4.05	1.85E-35	2.04E-32	-0.76	-14.29	
35	200983_x_at	CD59	-6.02	7.49E-35	7.34E-32	-0.76	-14.22	11p13
36	213908_at		-5.73	1.68E-35	1.94E-32	-0.76	-14.22	
37	216920_s_at	TRGV9	-4.08	1.58E-29	8.56E-27	-0.80	-14.14	7p15
38	218477_at	PTD011	-2.78	1.05E-24	3.10E-22	-0.85	-14.11	6p12.1
39	218332_at	BEX1	-13.76	2.27E-35	2.31E-32	-0.74	-13.94	Xq21-q23
40	204160_s_at	ENPP4	-7.15	7.72E-34	6.89E-31	-0.74	-13.91	6p12.3

Table 1

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
41	204197_s_at	RUNX3	-3.18	6.79E-31	4.41E-28	-0.77	-13.91	1p36
42	226817_at		-5.11	2.22E-35	2.31E-32	-0.73	-13.87	
43	228365_at	LOC144402	-7.22	2.42E-26	8.54E-24	-0.80	-13.84	12q11
44	210425_x_at	GOLGIN-67	-3.63	1.32E-32	1.02E-29	-0.74	-13.79	15q11.2
45	226134_s_at		-4.76	1.01E-30	6.12E-28	-0.76	-13.77	
46	215806_x_at	TRGC2	-3.82	1.86E-27	7.08E-25	-0.78	-13.66	7p15
47	201670_s_at	MARCKS	-12.82	1.58E-34	1.49E-31	-0.72	-13.66	6q22.2
48	218927_s_at	C4S-2	-5.23	8.75E-29	3.98E-26	-0.76	-13.63	7p22
49	213353_at	ABCA5	-3.10	7.39E-19	1.28E-16	-0.93	-13.63	17q24.3
50	232051_at	MGC10992	-3.99	2.74E-32	2.05E-29	-0.73	-13.60	16q12.2

1.9 AML_inv(3) versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	205382_s_at	DF	-5.03	5.80E-28	5.27E-24	-0.93	-15.77	19p13.3
2	204301_at	KIAA0711	-5.88	1.75E-33	4.78E-29	-0.74	-13.84	8p23.2
3	212318_at	TRN-SR	-2.14	8.47E-15	5.37E-12	-0.99	-13.36	7q32.2
4	204082_at	PBX3	-4.10	3.30E-25	1.43E-21	-0.75	-13.17	9q33-q34
5	204647_at	HOMER3	-4.12	1.89E-25	1.03E-21	-0.74	-13.13	19p13.11
6	210115_at	RPL39L	-4.99	4.32E-32	5.89E-28	-0.69	-13.12	3q27
7	204921_at	GAS8	-2.52	4.73E-24	1.61E-20	-0.74	-12.91	16q24.3
8	230480_at	HIWI2	-2.92	2.13E-20	4.15E-17	-0.78	-12.81	11q21
9	201186_at	LRPAP1	-2.47	2.62E-17	2.74E-14	-0.75	-11.91	4p16.3
10	226789_at		-2.40	2.20E-13	1.07E-10	-0.87	-11.78	
11	231300_at	LOC90835	-2.70	2.59E-14	1.53E-11	-0.82	-11.77	16p11.2
12	204548_at	STAR	-5.56	1.32E-23	3.99E-20	-0.65	-11.74	8p11.2
13	205624_at	CPA3	-5.67	1.67E-23	4.56E-20	-0.65	-11.70	3q21-q25
14	236892_s_at		-7.87	5.82E-27	3.97E-23	-0.61	-11.68	
15	213844_at	HOXA5	-5.20	1.44E-19	2.45E-16	-0.69	-11.67	7p15-p14
16	203746_s_at	HCCS	-1.52	5.11E-22	1.16E-18	-0.65	-11.51	Xp22.3
17	223703_at	CDA017	-2.18	9.16E-16	7.80E-13	-0.73	-11.31	10q23.1
18	239791_at		-6.83	3.67E-25	1.43E-21	-0.59	-11.27	
19	209122_at	ADFP	-3.09	4.76E-15	3.17E-12	-0.73	-11.12	9p21.3
20	228293_at	LOC91614	-5.42	3.24E-14	1.88E-11	-0.74	-11.03	11p13
21	200700_s_at	KDELR2	-2.24	2.84E-12	9.94E-10	-0.81	-10.84	7p22.2
22	205131_x_at	SCGF	-4.53	6.09E-19	9.22E-16	-0.62	-10.79	19q13.3
23	218865_at	FLJ22390	-6.03	2.12E-22	5.26E-19	-0.56	-10.53	1q42.11
24	201940_at	CPD	-2.02	9.72E-14	5.03E-11	-0.69	-10.42	17p11.1-q11.2
25	210783_x_at	SCGF	-4.24	1.70E-16	1.55E-13	-0.60	-10.14	19q13.3
26	208967_s_at	AK2	-2.06	1.51E-14	9.35E-12	-0.64	-10.14	1p34
27	219551_at	TRAITS	-2.32	1.73E-12	6.56E-10	-0.70	-10.11	3q13.33
28	226071_at	DKFZP434K1772	-2.62	1.23E-18	1.77E-15	-0.56	-10.04	1q21.2
29	202487_s_at	H2AV	-1.90	5.51E-10	9.22E-08	-0.88	-9.96	7p13
30	200897_s_at	KIAA0992	-7.82	1.40E-20	2.94E-17	-0.52	-9.94	4q32.3
31	210140_at	CST7	-3.04	1.01E-15	8.34E-13	-0.59	-9.94	20p11.21
32	229116_at		-4.17	1.10E-19	2.00E-16	-0.53	-9.89	
33	203421_at	PIG11	-3.08	2.33E-18	3.17E-15	-0.55	-9.85	11p11.2

Table 1

34 218681_s_at	SDF2L1	-1.89	6.06E-14	3.30E-11	-0.62	-9.83	22q11.21
35 204332_s_at	AGA	-1.69	2.31E-12	8.41E-10	-0.67	-9.78	4q32-q33
36 227929_at		-5.54	5.87E-18	7.27E-15	-0.54	-9.76	
37 201069_at	MMP2	-3.72	5.25E-19	8.42E-16	-0.51	-9.59	16q13-q21
38 202954_at	UBE2C	-2.10	1.34E-12	5.20E-10	-0.63	-9.50	20q13.11
39 208284_x_at	GGT1	-1.79	1.05E-15	8.38E-13	-0.55	-9.48	22q11.23
40 218829_s_at	KIAA1416	-2.11	2.01E-13	9.96E-11	-0.60	-9.47	8q12.1
41 226123_at	LOC286180	-2.80	1.31E-11	3.71E-09	-0.66	-9.45	8q12.1
42 208795_s_at	MCM7	-1.98	1.67E-10	3.30E-08	-0.72	-9.42	7q21.3-q22.1
43 222955_s_at	HT011	-1.82	1.14E-15	8.86E-13	-0.54	-9.40	Xq26.1
44 212820_at	RC3	-2.35	1.97E-13	9.95E-11	-0.59	-9.39	15q15.3
45 244166_at		-3.57	9.78E-14	5.03E-11	-0.58	-9.35	
46 221804_s_at	HT011	-1.95	1.02E-12	4.20E-10	-0.60	-9.35	Xq26.1
47 223609_at	ASP	-2.11	2.16E-11	5.78E-09	-0.65	-9.31	2p11.2
48 231736_x_at	MGST1	-2.85	6.13E-10	9.94E-08	-0.76	-9.31	12p12.3-p12.1
49 210006_at	DKFZP564O243	-1.60	4.06E-11	1.01E-08	-0.66	-9.29	3p21.1
50 240093_x_at		-4.83	2.72E-18	3.54E-15	-0.49	-9.25	

1.10 AML_komplext versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	227056_at		-2.59	1.66E-22	7.19E-19	-1.03	-15.00	
2	223318_s_at	MGC10974	-3.00	8.74E-26	1.14E-21	-0.86	-14.14	19p13.3
3	235502_at	PPP2CA	-2.97	1.15E-22	7.19E-19	-0.74	-12.44	5q23-q31
4	222229_x_at		-1.45	6.12E-15	4.19E-12	-1.10	-12.13	
5	205382_s_at	DF	-3.38	2.87E-21	9.31E-18	-0.73	-12.05	19p13.3
6	223157_at	MGC3232	-1.69	1.19E-17	3.10E-14	-0.79	-11.66	4q12
7	200093_s_at - HG-U133B	HINT1	-1.79	4.30E-15	3.14E-12	-0.90	-11.39	5q31.2
8	218645_at	ZNF277	-2.02	4.35E-15	3.14E-12	-0.81	-10.89	7q31.1
9	223276_at	NID67	-2.07	2.98E-16	4.31E-13	-0.72	-10.77	5q33.1
10	202659_at	PSMB10	-2.50	1.07E-15	1.16E-12	-0.72	-10.55	16q22.1
11	200608_s_at	RAD21	1.62	8.80E-13	3.36E-10	0.99	10.45	8q24
12	223592_s_at	MGC13061	-1.91	6.67E-17	1.44E-13	-0.65	-10.39	17q11.2
13	218220_at	C12orf10	-1.78	2.83E-16	4.31E-13	-0.67	-10.37	12q13
14	208826_x_at	HINT1	-1.50	6.64E-14	3.75E-11	-0.79	-10.32	5q31.2
15	208646_at	RPS14	-2.08	2.20E-13	1.06E-10	-0.76	-9.93	5q31-q33
16	218436_at	SIL1	-2.44	1.65E-13	8.25E-11	-0.73	-9.85	5q31
17	226142_at	GLIPR1	-2.58	1.69E-15	1.57E-12	-0.62	-9.81	12q21.1
18	231840_x_at	LOC90624	-1.98	2.94E-15	2.55E-12	-0.61	-9.69	5q31.1
19	222902_s_at	FLJ21144	1.76	7.28E-12	1.78E-09	0.91	9.68	1p34.1
20	202413_s_at	USP1	1.74	8.57E-12	1.95E-09	0.91	9.62	1p32.1-p31.3
21	222983_s_at	PAIP2	-1.53	2.23E-12	6.91E-10	-0.77	-9.51	5q31.3
22	223591_at	MGC13061	-1.70	9.89E-15	6.43E-12	-0.60	-9.42	17q11.2
23	217729_s_at	AES	-1.81	8.88E-14	4.81E-11	-0.63	-9.38	19p13.3
24	227708_at	EEF1A1	-1.72	1.26E-12	4.41E-10	-0.71	-9.37	6q14.1
25	227878_s_at	MGC10974	-1.49	1.55E-13	8.05E-11	-0.64	-9.37	19p13.3
26	211495_x_at	TNFSF13	-1.92	1.09E-14	6.73E-12	-0.57	-9.20	17p13.1

Table 1

27 201377_at	NICE-4	1.88	5.60E-11	9.22E-09	0.97	9.18	1q21.3
28 217846_at	QARS	-1.49	1.35E-11	2.83E-09	-0.78	-9.15	3p21.3-p21.1
29 226656_at	CRTAP	-2.15	7.34E-12	1.78E-09	-0.72	-9.08	3p22
30 217751_at	LOC51064	-1.93	1.75E-12	5.68E-10	-0.64	-8.98	7q34
31 207721_x_at	HINT1	-1.59	9.74E-12	2.15E-09	-0.71	-8.96	5q31.2
32 200093_s_at - HG-U133A	HINT1	-1.51	1.59E-11	3.18E-09	-0.71	-8.88	5q31.2
33 216032_s_at	SDBCAG84	-1.88	5.93E-13	2.49E-10	-0.57	-8.74	20pter-q12
34 236892_s_at		-4.06	2.66E-16	4.31E-13	-0.47	-8.74	
35 212085_at	SLC25A6	-1.75	2.06E-11	3.94E-09	-0.68	-8.72	Xp22.32 and Yp
36 228083_at	CACNA2D4	-3.63	3.82E-16	4.96E-13	-0.47	-8.68	12p13.33
37 200974_at	ACTA2	-1.92	5.01E-13	2.25E-10	-0.56	-8.67	10q23.3
38 209190_s_at	DIAPH1	-1.69	1.43E-12	4.88E-10	-0.58	-8.65	5q31
39 209619_at	CD74	-1.77	2.22E-12	6.91E-10	-0.59	-8.65	5q32
40 229693_at		-1.88	7.39E-12	1.78E-09	-0.62	-8.64	
41 201977_s_at	KIAA0141	-1.61	3.95E-11	6.93E-09	-0.69	-8.60	5q31.3
42 224821_at	MGC15429	-1.77	1.08E-11	2.31E-09	-0.63	-8.59	3p21.31
43 205639_at	AOAH	-2.48	4.02E-14	2.37E-11	-0.50	-8.56	7p14-p12
44 207844_at	IL13	-2.39	8.41E-12	1.95E-09	-0.61	-8.53	5q31
45 239791_at	°	-3.73	1.45E-15	1.45E-12	-0.46	-8.53	
46 224936_at	EIF2S3	-1.43	4.84E-11	8.17E-09	-0.68	-8.53	Xp22.2-p22.1
47 227153_at	IMMP2L	-2.05	8.33E-13	3.28E-10	-0.54	-8.51	7q31
48 204222_s_at	GLIPR1	-2.34	5.19E-13	2.25E-10	-0.53	-8.48	12q21.1
49 224368_s_at	NDRG3	-1.92	1.41E-11	2.90E-09	-0.61	-8.44	20q11.21-q11.23
50 226781_at		-4.02	7.71E-16	9.12E-13	-0.44	-8.44	

1.11 AML_normal versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	239791_at		5.86	3.08E-25	9.71E-21	0.71	11.96	
2	236892_s_at		5.86	1.40E-24	2.21E-20	0.68	11.64	
3	228904_at		4.22	1.47E-23	1.55E-19	0.66	11.32	
4	205600_x_at	HOXB5	1.82	4.40E-23	3.46E-19	0.59	10.83	17q21.3
5	205601_s_at	HOXB5	2.13	1.05E-20	6.64E-17	0.55	10.11	17q21.3
6	205366_s_at	HOXB6	4.08	2.14E-20	1.13E-16	0.55	10.05	17q21.3
7	219304_s_at	SCDGF-B	2.25	5.75E-20	2.59E-16	0.57	10.03	11q22.3
8	213110_s_at	COL4A5	3.71	4.58E-19	1.37E-15	0.58	9.88	Xq22
9	205453_at	HOXB2	2.34	1.05E-19	3.94E-16	0.53	9.78	17q21-q22
10	231767_at	HOXB4	2.12	4.78E-19	1.37E-15	0.54	9.68	17q21-q22
11	209679_s_at	LOC57228	-2.08	1.12E-19	3.94E-16	-0.51	-9.65	12q13.12
12	224968_at	MGC15407	1.59	6.98E-19	1.83E-15	0.53	9.59	2p16.1
13	224773_at	NAV1	-2.80	2.28E-17	5.52E-14	-0.50	-9.08	
14	200093_s_at - HG-U133B	HINT1	1.31	2.92E-17	6.57E-14	0.48	8.94	5q31.2
15	230743_at		1.90	3.85E-16	7.58E-13	0.52	8.84	
16	235587_at	LOC202781	1.65	3.14E-16	6.60E-13	0.51	8.83	7q36.3
17	236738_at		4.72	1.50E-15	2.49E-12	0.58	8.80	
18	203591_s_at	CSF3R	-1.93	6.02E-16	1.12E-12	-0.47	-8.59	1p35-p34.3
19	225553_at		1.50	1.67E-15	2.63E-12	0.47	8.48	

Table 1

# affy id	HUGO name	fc	p	q	stn	t	Map Location
20 200951_s_at	CCND2	-1.99	1.34E-15	2.34E-12	-0.45	-8.41	12p13
21 219694_at	FLJ11127	-2.21	1.92E-15	2.89E-12	-0.44	-8.33	5p15.2
22 235818_at		-3.07	5.78E-15	7.93E-12	-0.45	-8.25	
23 201020_at	YWHAH	-1.51	5.58E-15	7.93E-12	-0.43	-8.18	22q12.3
24 200696_s_at	GSN	-1.58	7.64E-15	1.00E-11	-0.43	-8.13	9q33
25 226098_at	KIAA1374	1.75	5.76E-14	6.26E-11	0.46	8.03	3q25.33
26 232979_at		2.32	5.36E-14	6.10E-11	0.45	8.00	
27 238058_at		1.72	5.42E-14	6.10E-11	0.45	7.98	
28 218645_at	ZNF277	1.39	3.41E-14	4.30E-11	0.42	7.94	7q31.1
29 219890_at	CLECSF5	-2.69	5.42E-14	6.10E-11	-0.43	-7.92	7q33
30 225945_at	VIK	1.38	7.46E-14	7.84E-11	0.43	7.87	7q11.21
31 227796_at	FLJ34231	1.42	8.63E-14	8.78E-11	0.43	7.84	5q35.3
32 243579_at	MSI2	2.38	3.13E-13	2.46E-10	0.47	7.81	17q23.1
33 227754_at		1.51	1.28E-13	1.18E-10	0.43	7.81	
34 226134_s_at		2.11	1.86E-13	1.59E-10	0.44	7.79	
35 218742_at	HPRN	-1.65	9.66E-14	9.23E-11	-0.41	-7.76	16p13.3
36 227224_at	FLJ25604	1.77	2.54E-13	2.05E-10	0.44	7.75	1q24.2
37 224935_at		1.26	9.65E-14	9.23E-11	0.41	7.75	
38 235753_at		1.90	1.40E-13	1.26E-10	0.41	7.72	
39 224772_at	NAV1	-2.07	1.66E-13	1.45E-10	-0.41	-7.70	
40 204351_at	S100P	-2.25	1.91E-13	1.59E-10	-0.40	-7.66	4p16
41 230894_s_at		2.17	3.28E-13	2.52E-10	0.42	7.65	
42 203329_at	PTPRM	-3.02	4.16E-13	2.98E-10	-0.43	-7.65	18p11.2
43 236728_at	FLJ39485	1.71	5.13E-13	3.44E-10	0.43	7.63	5q14.3
44 207111_at	EMR1	2.18	6.19E-13	4.06E-10	0.43	7.62	19p13.3
45 227672_at		-1.56	4.01E-13	2.94E-10	-0.41	-7.58	
46 227584_at		-2.12	3.65E-13	2.74E-10	-0.40	-7.57	
47 208826_x_at	HINT1	1.23	4.41E-13	3.09E-10	0.41	7.57	5q31.2
48 204779_s_at	HOXB7	2.68	7.95E-13	4.93E-10	0.42	7.56	17q21.3
49 206289_at	HOXA4	1.77	4.74E-13	3.25E-10	0.40	7.55	7p15-p14
50 216973_s_at	HOXB7	2.48	8.83E-13	5.15E-10	0.42	7.53	17q21.3

1.12 AML_t(15;17) versus rest

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 209732_at	CLECSF2	-26.63	3.18E-101	5.98E-97	-1.59	-30.31	12p13-p12
2 204425_at	ARHGAP4	-17.16	1.56E-92	1.46E-88	-1.57	-29.56	Xq28
3 211990_at	HLA-DPA1	-9.45	9.98E-61	2.09E-57	-1.51	-27.03	6p21.3
4 205771_s_at	AKAP7	-10.50	1.18E-66	3.69E-63	-1.37	-25.18	6q23
5 213587_s_at	LOC155066	-5.54	1.61E-70	6.05E-67	-1.33	-24.83	7q36.1
6 213147_at	HOXA10	-14.12	1.03E-76	6.46E-73	-1.29	-24.42	7p15-p14
7 214651_s_at	HOXA9	-132.38	1.86E-74	8.74E-71	-1.27	-23.75	7p15-p14
8 201923_at	PRDX4	-6.35	4.10E-36	1.04E-33	-1.40	-22.97	Xp22.13
9 204362_at	SCAP2	-12.92	8.14E-60	1.39E-56	-1.23	-22.72	7p21-p15
10 241742_at	PRAM-1	-6.63	8.04E-53	7.56E-50	-1.18	-21.55	19p13.2
11 217848_s_at	PP	-4.09	2.57E-25	2.25E-23	-1.45	-21.35	10q11.1-q24
12 201137_s_at	HLA-DPB1	-9.04	1.34E-59	2.10E-56	-1.12	-21.01	6p21.3

Table 1

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
13	213150_at	HOXA10	-26.78	8.64E-62	2.32E-58	-1.07	-20.37	7p15-p14
14	201719_s_at	EPB41L2	-11.72	4.38E-60	8.23E-57	-1.07	-20.33	6q23
15	225639_at	SCAP2	-10.47	6.58E-40	2.21E-37	-1.17	-20.32	7p21-p15
16	204563_at	SELL	-5.93	4.57E-39	1.48E-36	-1.17	-20.21	1q23-q25
17	235753_at		-9.03	6.56E-61	1.54E-57	-1.06	-20.12	
18	227598_at	LOC113763	-4.24	3.28E-34	7.09E-32	-1.19	-19.95	7q35
19	211991_s_at	HLA-DPA1	-13.65	5.75E-57	7.21E-54	-1.05	-19.80	6p21.3
20	210145_at	PLA2G4A	-6.78	1.14E-49	7.95E-47	-1.07	-19.69	1q25
21	216899_s_at	SCAP2	-6.00	1.96E-42	8.56E-40	-1.11	-19.69	7p21-p15
22	200931_s_at	VCL	-3.84	2.14E-28	2.49E-26	-1.24	-19.61	10q22.1-q23
23	205453_at	HOXB2	-13.30	8.24E-59	1.19E-55	-1.03	-19.60	17q21-q22
24	209905_at	HOXA9	-344.80	1.18E-57	1.58E-54	-1.05	-19.53	7p15-p14
25	204361_s_at	SCAP2	-9.07	3.29E-37	9.22E-35	-1.09	-18.96	7p21-p15
26	232617_at	CTSS	-4.96	7.73E-50	5.82E-47	-1.02	-18.88	1q21
27	201669_s_at	MARCKS	-33.06	5.67E-55	6.66E-52	-1.00	-18.82	6q22.2
28	209448_at	HTATIP2	-6.82	6.46E-48	3.68E-45	-1.01	-18.71	11p15.1
29	229041_s_at		-22.40	6.83E-55	7.55E-52	-0.98	-18.70	
30	217478_s_at	HLA-DMA	-4.97	4.37E-31	7.03E-29	-1.12	-18.65	6p21.3
31	225386_s_at	LOC92906	-19.67	4.11E-54	4.29E-51	-0.97	-18.47	2p22.2
32	201753_s_at	ADD3	-5.54	3.13E-31	5.20E-29	-1.10	-18.37	10q24.2-q24.3
33	204069_at	MEIS1	-13.76	1.37E-53	1.36E-50	-0.96	-18.36	2p14-p13
34	236554_x_at	EVER2	-3.63	1.80E-22	1.11E-20	-1.25	-18.32	17q25.3
35	206847_s_at	HOXA7	-5.96	2.14E-38	6.59E-36	-1.03	-18.25	7p15-p14
36	227353_at	EVER2	-3.77	1.32E-20	6.88E-19	-1.29	-18.11	17q25.3
37	204661_at	CDW52	-14.51	1.69E-48	1.03E-45	-0.96	-17.95	1p36
38	203948_s_at	MPO	3.47	7.00E-16	2.20E-14	1.64	17.93	17q23.1
39	236322_at		-5.85	7.96E-27	8.27E-25	-1.12	-17.91	
40	34210_at	CDW52	-18.36	4.86E-50	3.98E-47	-0.95	-17.89	1p36
41	226106_at	ZFP26	-4.42	4.00E-36	1.03E-33	-1.02	-17.87	11p15.3
42	207375_s_at	IL15RA	-4.58	9.12E-26	8.29E-24	-1.13	-17.86	10p15-p14
43	210538_s_at	BIRC3	-7.28	2.64E-50	2.26E-47	-0.94	-17.86	11q22
44	243618_s_at	LOC152485	-8.81	6.90E-50	5.41E-47	-0.94	-17.83	4q31.1
45	238949_at	FLJ31951	-7.52	1.43E-36	3.74E-34	-1.01	-17.80	5q33.3
46	213844_at	HOXA5	-20.22	2.44E-51	2.19E-48	-0.93	-17.80	7p15-p14
47	214797_s_at	PCTK3	-4.64	5.01E-23	3.30E-21	-1.18	-17.75	1q31-q32
48	228113_at	STAT3	-3.99	2.71E-24	2.07E-22	-1.15	-17.74	17q21
49	238058_at		-3.21	6.17E-46	3.22E-43	-0.95	-17.69	
50	226077_at	FLJ31951	-5.31	8.88E-32	1.55E-29	-1.04	-17.61	5q33.3

1.13 AML_t(8;21) versus rest

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	214651_s_at	HOXA9	-117.42	4.34E-75	1.18E-70	-1.29	-24.00	7p15-p14
2	213147_at	HOXA10	-10.26	6.91E-67	9.43E-63	-1.22	-22.83	7p15-p14
3	221581_s_at	WBSCR5	-6.33	3.73E-54	1.27E-50	-1.17	-21.36	7q11.23
4	225615_at	LOC126917	-6.32	1.24E-53	3.37E-50	-1.15	-20.99	1p36.13
5	213150_at	HOXA10	-34.97	2.02E-63	1.84E-59	-1.11	-20.90	7p15-p14

Table 1

6 205453_at	HOXB2	-17.98	4.35E-62	2.97E-58	-1.07	-20.45	17q21-q22
7 235753_at		-8.55	2.53E-60	1.38E-56	-1.05	-19.98	
8 209905_at	HOXA9	-334.01	4.79E-58	1.87E-54	-1.07	-19.69	7p15-p14
9 217963_s_at	NGFRAP1	-18.52	1.42E-58	6.44E-55	-1.02	-19.54	Xq22.1
10 206847_s_at	HOXA7	-4.95	8.41E-49	1.64E-45	-1.01	-18.73	7p15-p14
11 215087_at		-3.57	2.37E-47	4.30E-44	-1.01	-18.58	
12 204069_at	MEIS1	-13.32	7.83E-54	2.38E-50	-0.97	-18.46	2p14-p13
13 226865_at		-6.03	1.05E-49	2.60E-46	-0.93	-17.61	
14 228365_at	LOC144402	-7.20	6.65E-49	1.51E-45	-0.91	-17.27	12q11
15 213844_at	HOXA5	-13.21	7.93E-49	1.64E-45	-0.90	-17.19	7p15-p14
16 204494_s_at	DKFZP434H132	-3.04	1.15E-35	1.08E-32	-0.97	-17.05	15q22.33
17 224764_at	ARHGAP10	-6.11	1.37E-44	2.20E-41	-0.90	-16.90	10
18 204495_s_at	DKFZP434H132	-3.13	5.25E-40	7.16E-37	-0.92	-16.80	15q22.33
19 206310_at	SPINK2	-53.98	4.87E-46	8.32E-43	-0.89	-16.67	4q12
20 208890_s_at	PLXNB2	-3.84	2.34E-30	1.25E-27	-0.98	-16.48	22q13.33
21 208091_s_at	DKFZP564K0822	-5.58	5.26E-35	4.63E-32	-0.93	-16.43	7p14.1
22 203017_s_at	SSX2IP	-3.74	3.86E-32	2.39E-29	-0.93	-16.12	
23 235521_at	HOXA3	-16.43	2.22E-43	3.19E-40	-0.85	-15.97	7p15-p14
24 241370_at		-2.81	3.55E-34	2.85E-31	-0.90	-15.96	
25 208146_s_at	CPVL	-13.29	1.18E-43	1.78E-40	-0.83	-15.93	7p15-p14
26 238077_at	MGC27385	-3.37	6.03E-29	2.61E-26	-0.94	-15.86	3p21.1
27 233955_x_at	HSPC195	-3.11	1.55E-32	1.03E-29	-0.90	-15.77	5q31.3
28 238455_at		-4.08	7.73E-39	9.59E-36	-0.84	-15.60	
29 243806_at		-3.97	1.17E-36	1.23E-33	-0.85	-15.49	
30 224516_s_at	HSPC195	-3.30	1.95E-37	2.13E-34	-0.84	-15.49	5q31.3
31 241706_at	LOC144402	-5.16	1.18E-31	6.88E-29	-0.88	-15.41	12q11
32 227995_at		-7.43	7.46E-40	9.69E-37	-0.79	-15.02	
33 227853_at		-2.90	8.85E-22	1.90E-19	-0.99	-15.00	
34 224049_at	KCNK17	-2.92	4.84E-36	4.72E-33	-0.81	-14.93	6p21.1
35 222996_s_at	HSPC195	-2.54	2.25E-32	1.46E-29	-0.83	-14.87	5q31.3
36 203680_at	PRKAR2B	-5.16	3.83E-36	3.87E-33	-0.80	-14.85	7q22-q31.1
37 217975_at	LOC51186	-6.63	2.72E-32	1.73E-29	-0.82	-14.68	Xq22.1
38 238756_at		-3.59	4.56E-33	3.19E-30	-0.81	-14.67	
39 203741_s_at	ADCY7	-4.41	2.72E-29	1.22E-26	-0.84	-14.64	16q12-q13
40 213908_at		-5.94	1.95E-37	2.13E-34	-0.77	-14.58	
41 204030_s_at	SCHIP1	-13.53	1.17E-37	1.39E-34	-0.76	-14.48	3q25.33
42 230894_s_at		-6.46	3.10E-34	2.57E-31	-0.78	-14.36	
43 236297_at		-3.26	7.93E-33	5.41E-30	-0.78	-14.23	
44 209500_x_at	TNFSF13	-3.17	3.51E-25	1.21E-22	-0.85	-14.17	17p13.1
45 202510_s_at	TNFAIP2	-2.96	3.19E-30	1.64E-27	-0.79	-14.10	14q32
46 226134_s_at		-4.32	7.55E-34	5.57E-31	-0.75	-14.04	
47 240572_s_at		-3.48	6.08E-25	2.00E-22	-0.83	-13.97	
48 229971_at	GPR114	-5.87	9.46E-28	3.74E-25	-0.80	-13.92	16q12.2
49 211597_s_at	HOP	-9.36	1.77E-35	1.61E-32	-0.73	-13.90	4q11-q12
50 228904_at		-8.85	6.54E-35	5.57E-32	-0.73	-13.80	

Table 2

2. All-Pairs (AP)

2.1 AML_+11 versus AML_+13

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	201462_at	KIAA0193	19.96	4.07E-05	5.89E-02	3.37	10.13	7p14.3-p14.1
2	215067_x_at		3.01	2.94E-06	3.03E-02	2.45	8.99	
3	220987_s_at	SNARK	-3.59	9.20E-06	3.10E-02	-2.44	-8.74	1q32.1
4	208820_at	PTK2	-106.68	1.36E-04	9.29E-02	-3.19	-8.60	8q24-qter
5	225745_at		-5.31	4.56E-06	3.03E-02	-2.30	-8.47	
6	229838_at	NUCB2	3.03	2.30E-05	4.42E-02	2.42	8.45	11p15.1-p14
7	232946_s_at		2.27	2.85E-06	3.03E-02	2.20	8.24	
8	228910_at	KAI1	3.73	1.34E-05	3.51E-02	2.23	8.07	11p11.2
9	223467_at	RASD1	-22.75	1.82E-04	9.72E-02	-2.78	-8.03	17p11.2
10	230443_at	NHP2L1	4.59	5.19E-06	3.03E-02	2.14	7.95	22q13.2-q13.31
11	228046_at	LOC152485	3.41	7.70E-06	3.03E-02	2.11	7.81	4q31.1
12	238498_at		3.47	7.74E-06	3.03E-02	2.10	7.78	
13	208151_x_at	DDX17	3.02	5.45E-06	3.03E-02	2.07	7.73	22q13.1
14	230263_s_at		3.92	7.98E-06	3.03E-02	2.01	7.49	
15	219241_x_at	SSH-3	2.15	8.22E-05	8.76E-02	2.19	7.49	11q13.1
16	218840_s_at	FLJ10631	2.50	7.37E-05	8.29E-02	2.15	7.44	11q13.2
17	230102_at	ETV5	-5.11	1.35E-04	9.29E-02	-2.21	-7.36	3q28
18	204985_s_at	MGC2650	2.59	1.14E-05	3.45E-02	1.96	7.32	19q13.32
19	223960_s_at	C16orf5	2.73	1.39E-05	3.51E-02	1.97	7.30	16p13.3
20	219678_x_at	DCLRE1C	1.65	2.57E-05	4.59E-02	1.98	7.24	10p13
21	211855_s_at	SLC25A14	3.51	1.69E-05	3.96E-02	1.86	6.95	Xq24
22	208855_s_at	STK24	-2.26	2.33E-05	4.42E-02	-1.87	-6.91	13q31.2-q32.3
23	230180_at	DDX17	1.77	1.94E-05	4.20E-02	1.85	6.90	22q13.1
24	213241_at		-3.28	5.15E-05	6.90E-02	-1.90	-6.88	
25	227354_at		-4.65	2.13E-04	9.92E-02	-2.07	-6.87	
26	203955_at	KIAA0649	10.40	2.97E-04	1.09E-01	2.08	6.74	9q34.3
27	215580_at		2.95	1.89E-04	9.79E-02	1.96	6.67	
28	208742_s_at	SAP18	-1.78	1.53E-04	9.29E-02	-1.93	-6.67	13q11
29	207821_s_at	PTK2	-3.99	1.65E-04	9.40E-02	-1.93	-6.67	8q24-qter
30	228885_at	MGC21981	17.94	5.36E-04	1.18E-01	2.34	6.64	9q21.11
31	220925_at	FLJ21613	2.45	1.02E-04	9.29E-02	1.86	6.63	9q21.33
32	211085_s_at	STK4	2.34	2.97E-05	4.75E-02	1.76	6.57	20q11.2-q13.2
33	236208_at		2.49	2.83E-05	4.75E-02	1.75	6.56	
34	220041_at	FLJ12768	2.80	3.49E-05	5.30E-02	1.72	6.41	3q29
35	203633_at	CPT1A	3.01	5.23E-05	6.90E-02	1.72	6.37	11q13.1-q13.2
36	209225_x_at	KPNB2	2.05	5.95E-05	7.53E-02	1.72	6.35	5q13.1
37	201952_at	ALCAM	3.93	4.87E-04	1.14E-01	1.98	6.30	3q13.1
38	213147_at	HOXA10	2.95	6.93E-05	8.09E-02	1.70	6.26	7p15-p14
39	211584_s_at	NPAT	3.64	1.31E-04	9.29E-02	1.74	6.26	11q22-q23

WO 2005/045434

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
40	200650_s_at	LDHA	1.49	8.36E-05	8.76E-02	1.70	6.24	11p15.4
41	224044_at	MIRO-1	3.66	1.31E-04	9.29E-02	1.73	6.23	17q11.2
42	218856_at	TNFRSF21	-11.19	7.32E-04	1.21E-01	-2.10	-6.19	6p21.1-12.2
43	223314_at	DC-TM4F2	-2.64	1.91E-04	9.79E-02	-1.75	-6.17	10q22.3
44	207237_at	KCNA3	-5.22	1.53E-04	9.29E-02	-1.70	-6.11	1p13.3
45	218909_at	RPS6KC1	2.40	1.35E-04	9.29E-02	1.68	6.09	1q41
46	232085_at	MAPK8IP3	-2.44	6.46E-05	7.85E-02	-1.64	-6.09	16p13.3
47	226764_at	LOC152485	7.40	2.91E-04	1.08E-01	1.73	6.02	4q31.1
48	213703_at	LOC150759	3.67	1.94E-04	9.79E-02	1.66	5.96	2q11.1
49	213069_at	KIAA1237	-5.45	2.58E-04	1.00E-01	-1.68	-5.94	3q21.2
50	238536_at		1.81	1.51E-04	9.29E-02	1.62	5.91	

2.2 AML_+11 versus AML_+8

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	222490_at	RPC5	2.69	4.79E-08	1.21E-03	2.26	9.75	16p12.3
2	242026_at		-1.89	1.70E-07	1.74E-03	-2.16	-9.18	
3	228926_s_at	SMARCA2	-1.77	2.83E-07	1.78E-03	-2.12	-8.94	9p22.3
4	241234_at		-2.02	2.07E-07	1.74E-03	-1.98	-8.55	
5	225595_at		8.64	5.98E-05	9.97E-03	2.22	8.07	
6	224132_at	MGC13008	-1.98	1.14E-06	3.76E-03	-1.88	-7.95	17p11.2
7	240963_x_at		-1.83	6.23E-07	3.14E-03	-1.82	-7.86	
8	242885_at		-1.69	1.22E-06	3.76E-03	-1.76	-7.60	
9	240854_x_at		-1.83	9.19E-07	3.76E-03	-1.74	-7.58	
10	228910_at	KAI1	3.03	2.16E-05	8.11E-03	1.83	7.38	11p11.2
11	232442_at		-1.99	2.82E-06	4.54E-03	-1.74	-7.35	
12	226148_at	HSPC063	2.43	2.73E-05	8.57E-03	1.82	7.31	11q24.3
13	241454_at		-1.90	1.34E-06	3.76E-03	-1.67	-7.27	
14	228519_x_at	CIRBP	-1.85	3.60E-06	4.54E-03	-1.72	-7.26	19p13.3
15	228473_at	MSX1	-2.00	2.38E-06	4.54E-03	-1.68	-7.20	4p16.3-p16.1
16	242341_x_at	LOC132158	-2.56	1.88E-06	4.32E-03	-1.65	-7.18	3p21.31
17	229949_at		2.40	1.38E-05	7.23E-03	1.73	7.16	
18	232037_at	PUNC	-1.84	1.68E-06	4.23E-03	-1.64	-7.13	15q22.3-q23
19	238569_at	GABBR1	-2.27	7.24E-06	6.01E-03	-1.73	-7.11	6p21.31
20	235340_at	CAPN3	-1.67	7.35E-06	6.01E-03	-1.68	-7.10	15q15.1-q21.1
21	229118_at	DNCH1	-2.43	3.08E-06	4.54E-03	-1.63	-7.06	14q32.3-qter
22	225516_at		-1.95	2.62E-06	4.54E-03	-1.63	-7.05	
23	238730_at	ARHGEF11	-5.00	1.11E-05	7.20E-03	-1.75	-7.03	1q21
24	229056_at	LOC90313	-3.82	2.38E-06	4.54E-03	-1.60	-6.97	17q11.1
25	242353_at		-1.79	3.48E-06	4.54E-03	-1.60	-6.93	
26	243230_at		-6.18	1.59E-05	7.51E-03	-1.72	-6.86	
27	228646_at	LOC151242	-1.90	4.55E-06	4.78E-03	-1.60	-6.86	2q32.1
28	239560_at		-2.08	3.02E-06	4.54E-03	-1.58	-6.85	
29	231117_at	LOC90050	-1.82	1.38E-05	7.23E-03	-1.68	-6.82	14q32.13
30	236080_at		-2.09	3.64E-06	4.54E-03	-1.55	-6.74	
31	243615_at		-1.71	3.78E-06	4.54E-03	-1.55	-6.74	
32	232464_at	TRIMP1	-1.97	1.50E-05	7.51E-03	-1.65	-6.72	11p15

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
33	241711_at		-3.80	4.05E-06	4.61E-03	-1.53	-6.66	
34	233770_at		-3.70	4.21E-06	4.61E-03	-1.52	-6.64	
35	226744_at	MGC3329	2.01	1.29E-05	7.23E-03	1.55	6.60	17p13.3
36	205778_at	KLK7	-4.49	1.56E-05	7.51E-03	-1.60	-6.59	19q13.33
37	239727_at		-2.13	5.32E-06	5.36E-03	-1.50	-6.52	
38	223000_s_at	F11R	2.77	2.96E-05	8.57E-03	1.56	6.49	1q21.2-q21.3
39	241131_at		-2.43	6.61E-06	6.01E-03	-1.48	-6.44	
40	244003_at		-1.96	7.39E-06	6.01E-03	-1.48	-6.43	
41	233965_at	LOC255480	-3.39	1.22E-05	7.23E-03	-1.49	-6.41	12q24.21
42	235770_at		-2.20	6.71E-06	6.01E-03	-1.47	-6.41	
43	244339_at		-2.09	2.09E-05	7.99E-03	-1.54	-6.38	
44	239606_at		-2.62	7.03E-06	6.01E-03	-1.46	-6.38	
45	231559_at	NNMT	-2.28	1.03E-05	7.10E-03	-1.48	-6.35	11q23.1
46	241189_at		-1.86	1.04E-05	7.10E-03	-1.47	-6.32	
47	225719_s_at		-1.80	8.06E-06	6.35E-03	-1.44	-6.30	
48	214194_at	DIS3	1.67	1.27E-05	7.23E-03	1.46	6.30	13q21.32
49	233285_at		-2.63	8.73E-06	6.66E-03	-1.44	-6.27	
50	236349_at		-1.84	1.66E-05	7.51E-03	-1.46	-6.26	

2.3 AML_+11 versus AML_-7

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	238498_at		6.90	5.82E-06	2.58E-02	3.11	10.98	
2	214756_x_at	PMS2L8	2.05	8.43E-08	1.61E-03	2.72	10.74	7q22
3	214526_x_at	PMS2L8	2.03	1.09E-07	1.61E-03	2.64	10.47	7q22
4	226336_at	PPIA	2.57	6.98E-06	2.58E-02	2.18	8.34	7p13-p11.2
5	227069_at		2.50	5.26E-06	2.58E-02	2.13	8.23	
6	214743_at	CUTL1	2.37	1.02E-04	8.45E-02	2.44	8.07	7q22
7	222796_at	KIAA0632	4.16	3.37E-06	2.58E-02	2.05	8.04	7q22.1
8	226344_at	KIAA1789	3.40	4.01E-05	6.99E-02	2.21	7.97	Xq21
9	226148_at	HSPC063	2.53	3.43E-05	6.57E-02	2.12	7.79	11q24.3
10	221073_s_at	CARD4	1.79	2.76E-05	6.43E-02	2.01	7.54	7p15-p14
11	210707_x_at	PMS2L5	2.20	3.04E-05	6.43E-02	2.02	7.54	7q11-q22
12	201462_at	KIAA0193	4.11	5.28E-05	7.44E-02	2.02	7.39	7p14.3-p14.1
13	229949_at		2.88	5.96E-06	2.58E-02	1.84	7.28	
14	216843_x_at		2.16	6.99E-05	7.94E-02	1.99	7.24	
15	214473_x_at	PMS2L9	2.43	1.24E-04	8.83E-02	2.04	7.16	7q11.23
16	217485_x_at	PMS2L1	1.99	1.05E-05	3.45E-02	1.82	7.15	7q11-q22
17	225002_s_at	DKFZP566I1024	2.39	4.96E-05	7.44E-02	1.91	7.13	7q11.1
18	208073_x_at	TTC3	2.10	6.64E-06	2.58E-02	1.76	7.03	21q22.2
19	225595_at		5.20	6.94E-05	7.94E-02	1.90	7.02	
20	202591_s_at	SSBP1	1.78	5.90E-05	7.72E-02	1.85	6.92	7q34
21	227301_at	CCT6A	4.22	6.56E-05	7.94E-02	1.80	6.77	7p11.1
22	219571_s_at	GIOT-3	3.25	2.61E-04	1.02E-01	1.98	6.71	7p22.2
23	203633_at	CPT1A	2.72	8.57E-05	8.45E-02	1.78	6.65	11q13.1-q13.2
24	213147_at	HOXA10	3.27	3.55E-05	6.57E-02	1.66	6.48	7p15-p14
25	236533_at	DDEF1	-2.03	2.05E-05	6.08E-02	-1.63	-6.44	8q24.1-q24.2

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
26 210962_s_at	AKAP9	3.93	5.10E-04	1.13E-01	2.04	6.43	7q21-q22
27 240180_at		3.98	2.73E-04	1.04E-01	1.82	6.38	
28 222992_s_at	NDUFB9	-1.89	1.04E-04	8.45E-02	-1.75	-6.38	8q13.3
29 217753_s_at	RPS26	2.03	3.04E-05	6.43E-02	1.61	6.36	12q13
30 242026_at		-1.63	6.00E-05	7.72E-02	-1.67	-6.35	
31 217969_at	MAGED1	1.87	9.43E-05	8.45E-02	1.65	6.27	Xp11.23
32 213151_s_at	CDC10	1.70	8.40E-05	8.45E-02	1.64	6.26	7p14.3-p14.1
33 240270_x_at	LOC283728	-1.71	2.97E-05	6.43E-02	-1.58	-6.25	15q25.1
34 216525_x_at	PMS2L3	2.49	4.77E-04	1.13E-01	1.88	6.23	7q11-q22
35 226987_at	HUMAGCGB	1.66	8.40E-05	8.45E-02	1.61	6.18	3p21.31
36 205541_s_at	GSPT2	1.97	4.51E-05	7.41E-02	1.54	6.08	Xp11.23-p11.21
37 201259_s_at	SYPL	2.06	1.36E-04	8.83E-02	1.61	6.07	7q22.1
38 225845_at		2.49	4.38E-04	1.13E-01	1.76	6.06	
39 214100_x_at	WBSCR20C	4.13	4.33E-04	1.13E-01	1.74	6.04	7q11.23
40 226572_at		1.58	9.37E-05	8.45E-02	1.56	6.01	
41 213018_at	ODAG	2.31	2.29E-04	1.00E-01	1.62	5.98	7q21-q22
42 212079_s_at	MLL	2.80	3.89E-04	1.13E-01	1.68	5.95	11q23
43 225935_at		2.71	5.88E-04	1.14E-01	1.76	5.93	
44 200977_s_at	TAX1BP1	2.08	1.90E-04	1.00E-01	1.57	5.91	7p15
45 224847_at		4.10	4.48E-04	1.13E-01	1.69	5.91	
46 218601_at	URG4	2.74	7.24E-05	7.94E-02	1.50	5.87	7p13
47 209805_at	PMS2	3.21	9.74E-05	8.45E-02	1.50	5.85	7p22
48 223162_s_at	LCHN	2.73	1.42E-04	8.83E-02	1.52	5.83	7q34
49 213670_x_at	WBSCR20C	3.78	2.24E-04	1.00E-01	1.55	5.80	7q11.23
50 224851_at		5.05	6.45E-04	1.16E-01	1.71	5.79	

2.4 AML_+11 versus AML_5q

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 214000_s_at	RGS10	-7.27	1.63E-06	3.27E-02	-2.91	-10.49	10q25
2 232946_s_at		2.01	1.25E-05	3.27E-02	2.66	9.28	
3 201871_s_at	LOC51035	2.48	1.32E-05	3.27E-02	2.28	8.21	11q12.2
4 212062_at	ATP9A	-25.77	1.79E-04	5.65E-02	-2.88	-8.12	20q13.11-q13.2
5 231593_at		-1.86	2.30E-05	3.27E-02	-2.23	-7.95	
6 212906_at	KIAA1201	-2.63	7.25E-06	3.27E-02	-2.09	-7.77	11q24.1
7 208679_s_at	ARPC2	1.85	2.70E-05	3.27E-02	2.15	7.69	2q36.1
8 214863_at		-3.06	9.03E-06	3.27E-02	-2.06	-7.65	
9 200005_at - HG-U133B	EIF3S7	2.23	1.30E-05	3.27E-02	2.04	7.51	22q13.1
10 212711_at	DKFZp434G2311	-1.55	2.53E-05	3.27E-02	-2.07	-7.50	9q34.3
11 214351_x_at	RPL13	1.84	2.37E-05	3.27E-02	1.94	7.14	16q24.3
12 236270_at		-1.87	8.18E-05	4.74E-02	-2.04	-7.14	
13 230180_at	DDX17	2.13	1.35E-05	3.27E-02	1.91	7.13	22q13.1
14 231848_x_at	ZNF207	1.81	1.43E-05	3.27E-02	1.91	7.10	17q11.2
15 222047_s_at	ARS2	-1.71	1.50E-05	3.27E-02	-1.90	-7.08	7q21
16 208826_x_at	HINT1	1.62	2.99E-05	3.27E-02	1.91	7.01	5q31.2
17 229024_at		-3.29	2.52E-05	3.27E-02	-1.87	-6.91	
18 235704_at	LOC57228	-2.28	5.96E-05	4.55E-02	-1.92	-6.89	12q13.12

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
19	217379_at		3.37	4.18E-04	7.10E-02	2.32	6.85	
20	200093_s_at - HG-U133B	HINT1	1.92	5.37E-05	4.31E-02	1.89	6.83	5q31.2
21	200093_s_at - HG-U133A	HINT1	1.86	1.85E-05	3.27E-02	1.82	6.82	5q31.2
22	217945_at	BTBD1	-1.99	2.05E-05	3.27E-02	-1.80	-6.75	15q24
23	222267_at	FLJ14803	-4.36	3.15E-05	3.29E-02	-1.82	-6.73	7q32.3
24	229404_at	DERMO1	-2.28	2.34E-05	3.27E-02	-1.80	-6.72	2q37.3
25	222527_s_at	FLJ10290	2.90	7.59E-05	4.71E-02	1.86	6.68	5q33.1
26	226975_at	FLJ25070	2.76	2.31E-05	3.27E-02	1.78	6.67	1p21
27	217528_at	CLCA2	-7.80	4.93E-04	7.46E-02	-2.21	-6.60	1p31-p22
28	200936_at	RPL8	1.88	5.29E-05	4.31E-02	1.79	6.57	8q24.3
29	208728_s_at	CDC42	-2.15	7.65E-05	4.71E-02	-1.81	-6.55	1p36.1
30	226835_s_at		2.19	2.89E-05	3.27E-02	1.75	6.55	
31	207721_x_at	HINT1	2.05	2.87E-05	3.27E-02	1.75	6.54	5q31.2
32	227545_at		-2.62	2.46E-04	6.32E-02	-1.93	-6.52	
33	200072_s_at - HG-U133A	HNRPM	-1.72	2.96E-05	3.27E-02	-1.74	-6.49	19p13.3-p13.2
34	232523_at	MEGF10	-2.87	9.29E-05	4.74E-02	-1.79	-6.47	5q33
35	228519_x_at	CIRBP	-1.90	2.84E-04	6.35E-02	-1.92	-6.45	19p13.3
36	224657_at	MIG-6	-2.66	9.44E-05	4.74E-02	-1.78	-6.42	1p36.12-36.33
37	223839_s_at	SCD	-3.30	4.89E-05	4.20E-02	-1.74	-6.42	10q23-q24
38	206782_s_at	DNAJC4	3.07	8.98E-05	4.74E-02	1.77	6.40	11q13
39	202843_at	DNAJB9	-2.58	4.10E-05	3.76E-02	-1.72	-6.40	7q31
40	222501_s_at	RIP60	-2.24	4.22E-05	3.76E-02	-1.72	-6.39	7q36.1
41	226236_at	QP-C	1.83	3.72E-05	3.73E-02	1.71	6.38	5q31.1
42	240236_at		-3.21	4.13E-05	3.76E-02	-1.70	-6.35	
43	211666_x_at	RPL3	1.61	3.53E-04	6.62E-02	1.91	6.33	22q13
44	221505_at	LANPL	-2.11	6.45E-05	4.57E-02	-1.71	-6.31	1q21.2
45	230189_x_at	DKFZP586J1624	-2.16	2.71E-04	6.35E-02	-1.83	-6.26	9q34.3
46	221002_s_at	DC-TM4F2	-3.10	6.88E-04	8.36E-02	-2.13	-6.26	10q22.3
47	239489_at		-1.74	1.33E-04	5.11E-02	-1.75	-6.26	
48	229050_s_at		4.31	2.79E-04	6.35E-02	1.82	6.25	
49	212874_at	APOE	-2.30	6.36E-05	4.57E-02	-1.68	-6.23	19q13.2
50	200072_s_at - HG-U133B	HNRPM	-1.69	7.08E-05	4.71E-02	-1.68	-6.21	19p13.3-p13.2

2.5 AML_+11 versus AML_9q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	218389_s_at	APH-1A	-2.19	1.48E-08	4.85E-04	-2.96	-11.79	1p36.13-q31.3
2	222593_s_at	FLJ13117	2.04	2.72E-06	1.12E-02	2.47	9.40	12q13.12
3	203168_at	CREBL1	-2.39	2.67E-07	4.39E-03	-2.30	-9.19	6p21.3
4	230180_at	DDX17	2.27	9.17E-07	1.00E-02	2.19	8.67	22q13.1
5	206851_at	RNASE3	-9.81	3.12E-06	1.14E-02	-2.13	-8.27	14q24-q31
6	217780_at	PTD008	-1.65	2.39E-06	1.12E-02	-2.06	-8.11	19p13.13
7	208612_at	GRP58	-1.82	4.05E-06	1.33E-02	-2.05	-8.02	15q15
8	238498_at		4.16	2.72E-06	1.12E-02	2.01	7.94	
9	200080_s_at - HG-U133A	H3F3A	-1.45	1.67E-06	1.12E-02	-1.97	-7.87	1q41
10	206111_at	RNASE2	-4.53	2.64E-06	1.12E-02	-1.96	-7.80	14q24-q31
11	227082_at		4.79	6.40E-06	1.58E-02	1.98	7.73	

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
12 231300_at	LOC90835	-2.54	7.13E-06	1.58E-02	-1.95	-7.57	16p11.2
13 229312_s_at	GKAP42	2.59	2.67E-05	2.84E-02	2.00	7.52	9q21.32
14 225595_at		5.95	6.04E-05	3.18E-02	2.00	7.30	
15 226975_at	FLJ25070	2.38	3.15E-05	3.14E-02	1.92	7.26	1p21
16 220403_s_at	P53AIP1	3.90	1.01E-05	1.75E-02	1.84	7.23	11q24
17 222490_at	RPC5	2.08	4.66E-06	1.39E-02	1.80	7.20	16p12.3
18 208532_x_at		2.59	1.34E-05	1.98E-02	1.86	7.20	
19 222565_s_at	PRKCN	12.61	3.38E-04	6.20E-02	2.44	7.17	2p21
20 201011_at	RPN1	-2.17	3.54E-05	3.14E-02	-1.89	-7.14	3q21.3-q25.2
21 218448_at	C20orf11	-1.95	7.23E-06	1.58E-02	-1.78	-7.08	20q13.33
22 223422_s_at	DKFZP564B1162	-3.54	6.08E-06	1.58E-02	-1.76	-7.03	4q21.3
23 218376_s_at	MICAL	-3.61	8.29E-06	1.63E-02	-1.75	-6.96	6q21
24 216548_x_at		-4.00	4.52E-05	3.14E-02	-1.88	-6.93	
25 212973_at	RPIA	-2.65	1.19E-05	1.86E-02	-1.75	-6.91	2p11.1
26 200909_s_at	RPLP2	1.31	1.16E-05	1.86E-02	1.74	6.88	11p15.5-p15.4
27 236208_at		2.13	5.29E-05	3.14E-02	1.81	6.84	
28 210156_s_at	PCMT1	-2.10	8.41E-06	1.63E-02	-1.70	-6.82	6q24-q25
29 221488_s_at	LOC51596	-1.56	4.47E-05	3.14E-02	-1.83	-6.81	6pter-p21.31
30 218724_s_at	TGIF2	1.82	9.78E-06	1.75E-02	1.70	6.80	20q11.2-q12
31 222040_at	HNRPA1	-1.94	1.43E-05	1.98E-02	-1.71	-6.78	12q13.1
32 230629_s_at	EP400	2.01	1.97E-05	2.16E-02	1.71	6.73	12q24.33
33 218233_s_at	C6orf49	-1.55	1.48E-05	1.98E-02	-1.68	-6.67	6p21.31
34 33322_i_at	SFN	-1.28	6.25E-05	3.21E-02	-1.76	-6.56	1p35.3
35 213370_s_at	SFMBT	-2.34	5.27E-05	3.14E-02	-1.74	-6.56	3p21.31
36 221739_at	IL27w	-1.62	1.64E-05	1.98E-02	-1.65	-6.56	19p13.3
37 217927_at	SPC12	-1.57	1.60E-05	1.98E-02	-1.64	-6.52	3p21.31
38 214264_s_at	C14orf143	-3.06	5.83E-05	3.14E-02	-1.72	-6.49	14q32.11
39 216274_s_at	SPC18	-1.96	3.87E-05	3.14E-02	-1.68	-6.47	15q24.3
40 224502_s_at	KIAA1191	1.88	4.19E-05	3.14E-02	1.66	6.45	5q35.3
41 203938_s_at	TAF1C	-1.75	1.82E-05	2.06E-02	-1.62	-6.45	16q24
42 210042_s_at	CTSZ	-3.94	1.40E-04	4.61E-02	-1.85	-6.44	20q13
43 201290_at	SPC18	-1.84	1.57E-05	1.98E-02	-1.61	-6.44	15q24.3
44 212079_s_at	MLL	3.38	1.90E-04	5.33E-02	1.79	6.43	11q23
45 210434_x_at	JTB	-1.36	1.69E-05	1.98E-02	-1.60	-6.40	1q21
46 208728_s_at	CDC42	-2.14	3.53E-05	3.14E-02	-1.62	-6.33	1p36.1
47 229115_at	DNCH1	2.81	1.09E-04	4.44E-02	1.68	6.33	14q32.3-qter
48 200886_s_at	PGAM1	-2.41	5.14E-05	3.14E-02	-1.64	-6.32	10q25.3
49 210161_at	NFATC1	3.85	2.84E-04	6.14E-02	1.79	6.30	18q23
50 222759_at	CGI-85	1.71	3.66E-05	3.14E-02	1.60	6.27	11q13.2

2.6 AML_+11 versus AML_MLL

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 238498_at		8.06	8.71E-06	4.46E-04	2.84	11.57	
2 218604_at	MAN1	2.01	3.69E-10	8.20E-07	1.74	10.49	12q14
3 228083_at	CACNA2D4	-16.73	7.63E-12	1.63E-07	-1.64	-10.10	12p13.33
4 212414_s_at	SEPT6	2.38	1.19E-08	7.32E-06	1.72	9.97	Xq24

Table 2

5 212459_x_at	SUCLG2	-6.63	5.17E-11	2.21E-07	-1.60	-9.94	3p14.2
6 204951_at	ARHH	3.51	1.42E-07	3.09E-05	1.77	9.83	4p13
7 226550_at		3.80	3.99E-07	6.07E-05	1.82	9.82	
8 228046_at	LOC152485	4.66	4.36E-06	2.81E-04	2.01	9.77	4q31.1
9 215772_x_at	SUCLG2	-6.78	4.69E-11	2.21E-07	-1.55	-9.69	3p14.2
10 221841_s_at		-7.55	1.42E-11	1.63E-07	-1.53	-9.65	
11 213156_at		3.96	3.29E-05	1.08E-03	2.24	9.29	
12 225185_at	MRAS	-3.54	3.85E-11	2.21E-07	-1.45	-9.15	3q22.3
13 200886_s_at	PGAM1	-2.80	5.77E-11	2.21E-07	-1.45	-9.14	10q25.3
14 214789_x_at	SRP46	2.60	1.67E-06	1.51E-04	1.71	9.06	11q22
15 214835_s_at	SUCLG2	-6.62	3.10E-10	8.18E-07	-1.44	-9.00	3p14.2
16 201105_at	LGALS1	-4.24	2.70E-09	2.48E-06	-1.45	-8.86	22q13.1
17 204029_at	CELSR2	-1.84	7.10E-10	1.16E-06	-1.42	-8.84	1p21
18 227082_at		4.22	2.85E-05	9.81E-04	1.91	8.63	
19 218217_at	RISC	-7.20	1.88E-10	6.16E-07	-1.36	-8.62	17q23.1
20 206440_at	LIN7A	-13.09	4.29E-10	8.20E-07	-1.40	-8.61	12q21
21 225157_at	MONDOA	1.95	5.86E-06	3.38E-04	1.67	8.56	12q21.31
22 222490_at	RPC5	2.03	2.12E-07	3.86E-05	1.48	8.50	16p12.3
23 204971_at	CSTA	-5.40	8.58E-10	1.18E-06	-1.36	-8.49	3q21
24 208073_x_at	TTC3	2.05	5.81E-06	3.36E-04	1.65	8.47	21q22.2
25 209696_at	FBP1	-10.25	7.79E-10	1.18E-06	-1.38	-8.43	9q22.3
26 219889_at	FRAT1	-2.89	3.21E-10	8.18E-07	-1.33	-8.42	10q24.1
27 230322_at	NFAM1	-3.31	4.00E-10	8.20E-07	-1.34	-8.41	22q13.2
28 225386_s_at	LOC92906	-10.69	4.97E-10	8.78E-07	-1.32	-8.35	2p22.2
29 202449_s_at	RXRA	-3.46	8.76E-10	1.18E-06	-1.32	-8.28	9q34.3
30 244413_at	DCAL1	-15.31	1.62E-09	1.89E-06	-1.38	-8.27	12p13.2
31 222593_s_at	FLJ13117	1.97	5.69E-07	7.64E-05	1.46	8.26	12q13.12
32 226063_at		-3.05	1.65E-09	1.89E-06	-1.31	-8.19	
33 224516_s_at	HSPC195	5.42	6.97E-05	1.79E-03	1.93	8.16	5q31.3
34 238452_at	FLJ31052	-8.84	2.14E-09	2.14E-06	-1.35	-8.15	1q23.1
35 213258_at		7.60	1.11E-04	2.43E-03	2.11	8.12	
36 202391_at	BASP1	-6.76	1.81E-09	1.89E-06	-1.28	-8.03	5p15.1-p14
37 201462_at	KIAA0193	5.15	3.32E-05	1.09E-03	1.69	7.97	7p14.3-p14.1
38 204608_at	ASL	-3.63	1.61E-08	8.30E-06	-1.30	-7.96	7cen-q11.2
39 219991_at	SLC2A9	-2.80	2.32E-09	2.22E-06	-1.27	-7.96	4p16-p15.3
40 226879_at	MGC15619	-3.92	1.45E-09	1.84E-06	-1.26	-7.94	12q24.11
41 222759_at	CGI-85	1.84	5.88E-09	4.24E-06	1.27	7.92	11q13.2
42 219071_x_at	LOC51236	-1.80	1.81E-09	1.89E-06	-1.25	-7.89	8q24.3
43 213370_s_at	SFMBT	-2.16	3.11E-09	2.74E-06	-1.25	-7.88	3p21.31
44 236080_at		-2.00	1.23E-07	2.88E-05	-1.31	-7.81	
45 223716_s_at	ZNF265	2.21	2.64E-05	9.33E-04	1.58	7.75	1p31
46 205684_s_at	FLJ20686	2.65	6.51E-05	1.71E-03	1.72	7.73	9p21.3
47 232546_at	TP73	-2.70	3.15E-08	1.22E-05	-1.25	-7.69	1p36.3
48 238263_at		-3.42	3.92E-09	3.22E-06	-1.21	-7.66	
49 213622_at	COL9A2	-3.32	3.66E-09	3.11E-06	-1.20	-7.62	1p33-p32
50 218265_at	SBP2	1.49	6.89E-08	1.98E-05	1.25	7.61	9q22.1

Table 2

2.7 AML_+11 versus AML_inv(16)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	201497_x_at	MYH11	-27.22	4.00E-11	3.24E-07	-2.11	-11.14	16p13.13-p13.12
2	221841_s_at		-8.18	5.65E-12	1.37E-07	-1.95	-11.03	
3	238498_at		6.40	7.27E-06	4.34E-04	2.65	10.94	
4	209365_s_at	ECM1	-4.18	1.95E-11	2.37E-07	-1.86	-10.53	1q21
5	203973_s_at	CEBPD	-4.88	5.32E-08	1.32E-05	-2.00	-10.34	8p11.2-p11.1
6	236646_at	FLJ31166	-6.08	3.49E-10	6.62E-07	-1.85	-10.23	12p13.31
7	212459_x_at	SUCLG2	-6.32	4.01E-10	6.94E-07	-1.84	-10.17	3p14.2
8	209376_x_at	SFRS2IP	1.96	2.30E-06	1.99E-04	2.20	10.16	12q12
9	215772_x_at	SUCLG2	-6.06	1.08E-09	1.14E-06	-1.83	-10.05	3p14.2
10	201462_at	KIAA0193	16.74	4.32E-05	1.48E-03	2.99	10.03	7p14.3-p14.1
11	34210_at	CDW52	-5.17	1.07E-10	5.36E-07	-1.78	-10.00	1p36
12	210139_s_at	PMP22	-26.94	4.41E-10	6.94E-07	-1.91	-9.97	17p12-p11.2
13	203074_at	ANXA8	-2.23	1.10E-10	5.36E-07	-1.76	-9.90	10q11.2
14	201739_at	SGK	-7.64	1.06E-09	1.14E-06	-1.77	-9.77	6q23
15	242738_s_at		-4.13	2.80E-10	6.62E-07	-1.74	-9.76	
16	223280_x_at	MS4A6A	-10.44	2.36E-10	6.62E-07	-1.76	-9.73	11q12.1
17	221059_s_at	CHST6	-4.62	2.83E-10	6.62E-07	-1.71	-9.62	16q22
18	226148_at	HSPC063	3.38	2.41E-05	9.96E-04	2.41	9.61	11q24.3
19	208816_x_at	ANXA2P2	-2.96	2.38E-09	1.73E-06	-1.74	-9.58	9p13
20	224724_at	SULF2	-14.13	2.97E-10	6.62E-07	-1.71	-9.53	20q12-13.2
21	224356_x_at	MS4A6A	-10.70	5.67E-10	8.09E-07	-1.72	-9.45	11q12.1
22	228910_at	KAI1	4.20	3.73E-05	1.35E-03	2.47	9.41	11p11.2
23	206868_at	STARD8	-2.98	2.72E-10	6.62E-07	-1.66	-9.38	Xq12
24	205419_at	EBI2	-4.64	3.18E-10	6.62E-07	-1.66	-9.35	13q32.2
25	222593_s_at	FLJ13117	2.10	6.81E-07	8.27E-05	1.86	9.31	12q13.12
26	201590_x_at	ANXA2	-4.23	7.00E-09	3.54E-06	-1.70	-9.28	15q21-q22
27	203329_at	PTPRM	-10.52	1.21E-09	1.18E-06	-1.71	-9.24	18p11.2
28	204661_at	CDW52	-4.39	5.35E-09	2.95E-06	-1.68	-9.23	1p36
29	226697_at	LOC92689	-3.58	4.57E-10	6.94E-07	-1.64	-9.23	4p14
30	227567_at		5.29	3.37E-05	1.26E-03	2.33	9.21	
31	202283_at	SERPINF1	-14.15	9.70E-10	1.14E-06	-1.68	-9.19	17p13.1
32	217168_s_at	HERPUD1	-3.28	3.54E-10	6.62E-07	-1.62	-9.15	16q12.2-q13
33	230629_s_at	EP400	2.50	6.44E-06	3.99E-04	1.98	9.11	12q24.33
34	210427_x_at	ANXA2	-3.99	5.97E-09	3.15E-06	-1.65	-9.09	15q21-q22
35	217849_s_at	CDC42BPB	-7.54	1.69E-09	1.40E-06	-1.62	-9.06	14q32.3
36	223385_at	CYP2S1	-2.89	1.94E-09	1.48E-06	-1.62	-9.04	19q13.1
37	205076_s_at	CRA	-11.01	2.92E-09	2.03E-06	-1.71	-9.00	1q12-q21
38	219505_at	CECR1	-7.14	1.45E-09	1.33E-06	-1.63	-8.97	22q11.2
39	232724_at	MS4A6A	-4.07	8.50E-10	1.09E-06	-1.60	-8.95	11q12.1
40	216438_s_at	SC5DL	-1.35	8.02E-10	1.08E-06	-1.56	-8.83	11q23.3
41	205859_at	LY86	-7.95	1.73E-09	1.40E-06	-1.57	-8.83	6p24.3
42	213147_at	HOXA10	5.23	3.08E-05	1.18E-03	2.11	8.80	7p15-p14
43	230322_at	NFAM1	-3.77	1.96E-09	1.48E-06	-1.58	-8.76	22q13.2
44	202944_at	NAGA	-4.34	1.00E-09	1.14E-06	-1.55	-8.76	22q13-qter
45	201005_at	CD9	-6.23	1.21E-09	1.18E-06	-1.55	-8.73	12p13.3

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
46	237896_at		-2.27	5.87E-09	3.15E-06	-1.57	-8.71	
47	208438_s_at	FGR	-6.10	2.42E-09	1.73E-06	-1.57	-8.67	1p36.2-p36.1
48	200782_at	ANXA5	-5.67	1.53E-09	1.33E-06	-1.52	-8.57	4q28-q32
49	242026_at		-1.71	1.53E-09	1.33E-06	-1.52	-8.57	
50	210042_s_at	CTSZ	-3.94	3.71E-09	2.44E-06	-1.54	-8.51	20q13

2.8 AML_+11 versus AML_inv(3)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	208310_s_at	FSTL1	2.45	4.62E-05	1.03E-02	1.94	7.88	3q13.33
2	238498_at		2.83	1.93E-05	7.92E-03	1.83	7.87	
3	217484_at	CR1	-1.98	1.13E-07	1.40E-03	-1.54	-7.69	1q32
4	230788_at	AIGnT	-8.77	1.18E-07	1.40E-03	-1.54	-7.65	6p24
5	214000_s_at	RGS10	-4.88	1.51E-07	1.40E-03	-1.50	-7.47	10q25
6	227379_at	MGC44669	-1.96	3.63E-07	2.01E-03	-1.50	-7.40	6p22.2
7	225065_x_at	MGC40157	-2.55	2.22E-07	1.54E-03	-1.45	-7.26	17p11.2
8	204140_at	TPST1	-2.48	4.46E-07	2.06E-03	-1.40	-6.98	7q11.21
9	203060_s_at	PAPSS2	-9.22	1.80E-06	3.83E-03	-1.48	-6.90	10q23-q24
10	202878_s_at	C1QR1	-5.70	8.90E-07	2.74E-03	-1.41	-6.90	20p11.21
11	201462_at	KIAA0193	3.03	1.87E-04	1.78E-02	1.77	6.84	7p14.3-p14.1
12	214756_x_at	PMS2L8	1.61	7.39E-07	2.74E-03	1.36	6.76	7q22
13	228926_s_at	SMARCA2	-1.55	8.44E-07	2.74E-03	-1.36	-6.76	9p22.3
14	230322_at	NFAM1	-2.56	1.29E-06	3.58E-03	-1.35	-6.64	22q13.2
15	212318_at	TRN-SR	2.48	2.36E-04	1.97E-02	1.70	6.59	7q32.2
16	232972_at	FLJ11724	-1.48	1.42E-06	3.58E-03	-1.31	-6.50	17q24.1
17	200909_s_at	RPLP2	1.32	3.96E-06	5.22E-03	1.33	6.49	11p15.5-p15.4
18	203217_s_at	SIAT9	-1.89	8.67E-06	6.27E-03	-1.34	-6.43	2p11.2
19	238201_at		-1.84	1.67E-06	3.83E-03	-1.29	-6.43	
20	201259_s_at	SYPL	2.06	1.66E-04	1.70E-02	1.54	6.38	7q22.1
21	226556_at		2.44	2.31E-05	8.36E-03	1.37	6.38	
22	221002_s_at	DC-TM4F2	-2.22	4.62E-06	5.77E-03	-1.35	-6.38	10q22.3
23	208820_at	PTK2	-50.15	6.87E-06	6.27E-03	-1.47	-6.37	8q24-qter
24	216503_s_at		2.61	5.03E-05	1.06E-02	1.41	6.36	
25	214526_x_at	PMS2L8	1.64	2.11E-06	3.89E-03	1.28	6.36	7q22
26	223184_s_at	AGPAT3	-2.81	1.99E-06	3.89E-03	-1.26	-6.30	21q22.3
27	208073_x_at	TTC3	1.70	2.70E-05	8.68E-03	1.35	6.29	21q22.2
28	241173_at		-2.59	2.26E-06	3.91E-03	-1.26	-6.29	
29	243560_at		-2.24	1.58E-05	7.52E-03	-1.32	-6.27	
30	210868_s_at	LCE	-2.81	3.46E-06	4.97E-03	-1.27	-6.24	4q25
31	220482_s_at	DELGEF	4.24	3.18E-04	2.13E-02	1.58	6.20	11p14.3
32	219895_at	FLJ20716	-6.24	2.73E-06	4.44E-03	-1.23	-6.17	Xq24
33	219241_x_at	SSH-3	1.80	2.35E-04	1.97E-02	1.49	6.13	11q13.1
34	203633_at	CPT1A	2.38	1.49E-04	1.63E-02	1.42	6.09	11q13.1-q13.2
35	221841_s_at		-5.22	3.35E-06	4.97E-03	-1.22	-6.09	
36	218840_s_at	FLJ10631	2.18	6.51E-05	1.17E-02	1.34	6.07	11q13.2
37	220471_s_at	FLJ21269	-3.04	3.59E-06	4.97E-03	-1.21	-6.05	6q25.1
38	213488_at	DKFZP586B2420	-3.08	7.79E-06	6.27E-03	-1.26	-6.03	2q37.3

Table 2

39 203645_s_at	CD163	-12.20	1.18E-05	6.94E-03	-1.32	-6.02	12p13.3
40 213147_at	HOXA10	2.48	1.29E-04	1.59E-02	1.37	6.00	7p15-p14
41 230772_at		-2.34	5.05E-06	5.77E-03	-1.20	-5.99	
42 204316_at	RGS10	-1.85	6.20E-06	6.13E-03	-1.22	-5.98	10q25
43 232946_s_at		1.79	8.81E-06	6.27E-03	1.22	5.98	
44 208690_s_at	PDLIM1	-4.96	5.40E-06	5.77E-03	-1.19	-5.95	10q22-q26.3
45 205992_s_at	IL15	-6.86	1.01E-05	6.69E-03	-1.25	-5.95	4q31
46 201829_at	NET1	-2.61	7.52E-06	6.27E-03	-1.20	-5.94	10p15
47 234797_at		-1.68	1.10E-05	6.76E-03	-1.21	-5.92	
48 227069_at		1.87	3.23E-05	8.80E-03	1.25	5.92	
49 238955_at	FLJ30574	-1.80	1.74E-05	7.85E-03	-1.22	-5.90	2q33.1
50 205076_s_at	CRA	-2.41	5.58E-06	5.77E-03	-1.18	-5.88	1q12-q21

2.9 AML_+11 versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	218389_s_at	APH-1A	-2.45	6.13E-15	9.85E-11	-2.15	-13.59	1p36.13-q31.3
2	211666_x_at	RPL3	1.51	5.79E-12	4.65E-08	1.64	10.38	22q13
3	229039_at	SYN2	-3.38	1.82E-11	9.76E-08	-1.46	-9.34	3p25
4	214351_x_at	RPL13	1.75	1.04E-07	1.39E-05	1.62	9.29	16q24.3
5	202876_s_at	PBX2	-2.81	4.51E-11	1.81E-07	-1.41	-9.01	6p21.3
6	206868_at	STARD8	-2.80	2.04E-10	5.46E-07	-1.42	-8.97	Xq12
7	236080_at		-2.21	4.15E-09	2.54E-06	-1.47	-8.96	
8	226835_s_at		2.25	6.39E-06	1.11E-04	1.75	8.85	
9	232037_at	PUNC	-2.25	1.18E-10	3.79E-07	-1.39	-8.85	15q22.3-q23
10	200094_s_at - HG-U133A	EEF2	1.47	2.21E-07	1.88E-05	1.54	8.83	19pter-q12
11	226523_at	PCSK7	-1.92	1.66E-09	1.88E-06	-1.39	-8.69	11q23-q24
12	230839_at	HRMT1L3	-2.43	9.45E-09	3.38E-06	-1.41	-8.61	12p13.3
13	212491_s_at	DNAJC8	-2.00	1.32E-07	1.46E-05	-1.43	-8.41	1p35.2
14	235706_at	CPM	-3.51	1.45E-09	1.88E-06	-1.32	-8.35	12q15
15	231172_at		-1.95	1.22E-09	1.88E-06	-1.32	-8.33	
16	231629_x_at	KLK3	-1.84	2.49E-09	2.00E-06	-1.32	-8.29	19q13.41
17	230279_at		-2.32	7.93E-10	1.59E-06	-1.30	-8.28	
18	226975_at	FLJ25070	2.94	6.95E-06	1.16E-04	1.59	8.25	1p21
19	218131_s_at	p66alpha	-2.19	2.38E-09	2.00E-06	-1.30	-8.21	19p13.11
20	238135_at	AGTRAP	-3.23	3.09E-08	6.91E-06	-1.35	-8.20	1p36.21
21	208826_x_at	HINT1	1.74	9.96E-06	1.46E-04	1.60	8.18	5q31.2
22	217846_at	QARS	1.84	8.97E-06	1.37E-04	1.59	8.17	3p21.3-p21.1
23	200093_s_at - HG-U133A	HINT1	1.83	5.34E-06	1.01E-04	1.54	8.16	5q31.2
24	238730_at	ARHGEF11	-5.70	9.98E-10	1.78E-06	-1.29	-8.13	1q21
25	200074_s_at - HG-U133B	RPL14	1.53	1.89E-06	5.60E-05	1.47	8.13	3p22-p21.2
26	221002_s_at	DC-TM4F2	-3.17	1.68E-09	1.88E-06	-1.32	-8.11	10q22.3
27	564_at	GNA11	-2.28	7.55E-10	1.59E-06	-1.26	-8.10	19p13.3
28	207721_x_at	HINT1	1.96	8.50E-06	1.32E-04	1.54	8.02	5q31.2
29	229949_at		2.48	2.09E-05	2.24E-04	1.62	7.99	
30	234294_x_at	p66alpha	-1.99	1.53E-07	1.57E-05	-1.34	-7.97	19p13.11
31	241215_at		-3.53	2.12E-09	1.93E-06	-1.25	-7.97	

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
32	225480_at		-1.90	1.34E-09	1.88E-06	-1.24	-7.92	
33	221494_x_at	M9	1.55	1.92E-07	1.75E-05	1.33	7.90	19q13.13
34	238307_at		-2.09	1.31E-06	4.73E-05	-1.39	-7.89	
35	218350_s_at	GMNN	-3.72	9.07E-09	3.38E-06	-1.26	-7.88	6p22.1
36	242945_at	DKFZp434F2322	-2.34	1.81E-09	1.88E-06	-1.22	-7.82	17q24.3
37	230107_at		-2.49	7.54E-08	1.25E-05	-1.28	-7.79	
38	227844_at	PFKM	-2.47	1.88E-09	1.88E-06	-1.22	-7.79	12q13.3
39	229626_at		-3.34	6.94E-09	3.22E-06	-1.23	-7.78	
40	242345_at		-5.58	3.42E-09	2.32E-06	-1.24	-7.77	
41	242333_at		-2.23	2.16E-09	1.93E-06	-1.22	-7.76	
42	203092_at	TIMM44	-4.20	4.91E-09	2.76E-06	-1.22	-7.76	19p13.3-p13.2
43	235029_at	MGC14799	-2.43	5.57E-09	2.89E-06	-1.21	-7.69	8p11.1
44	232464_at	TRIMP1	-2.37	4.05E-09	2.54E-06	-1.22	-7.69	11p15
45	217427_s_at	HIRA	-6.22	2.96E-09	2.26E-06	-1.20	-7.67	22q11.21
46	237078_at		-2.95	5.40E-09	2.89E-06	-1.22	-7.63	
47	201995_at	EXT1	-3.33	3.47E-09	2.32E-06	-1.19	-7.59	8q24.11-q24.13
48	226236_at	QP-C	1.85	1.86E-05	2.09E-04	1.48	7.58	5q31.1
49	238209_at		-5.55	6.59E-09	3.21E-06	-1.22	-7.58	
50	237896_at		-2.71	3.46E-09	2.32E-06	-1.18	-7.58	

2.1 AML_+11 versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	205055_at	ITGAE	-2.23	4.76E-11	1.06E-08	-1.26	-13.10	17p13
2	200923_at	LGALS3BP	-10.78	3.96E-24	9.30E-20	-0.94	-12.03	17q25
3	235749_at	UGCGL2	-5.98	1.01E-13	8.16E-11	-0.98	-11.27	13q32.1
4	230322_at	NFAM1	-2.68	1.47E-14	1.44E-11	-0.96	-11.25	22q13.2
5	229168_at	DKFZp434K0621	-2.46	8.82E-18	4.15E-14	-0.85	-10.60	5q35.3
6	238730_at	ARHGEF11	-3.75	1.30E-14	1.33E-11	-0.87	-10.43	1q21
7	242345_at		-4.66	9.68E-19	7.59E-15	-0.82	-10.37	
8	214835_s_at	SUCLG2	-6.04	1.16E-09	1.31E-07	-0.98	-10.34	3p14.2
9	221002_s_at	DC-TM4F2	-1.89	1.16E-16	3.41E-13	-0.83	-10.32	10q22.3
10	242574_at	KIAA0674	-4.49	7.94E-19	7.59E-15	-0.81	-10.26	9q32
11	212459_x_at	SUCLG2	-5.42	1.02E-08	7.67E-07	-1.00	-10.13	3p14.2
12	219085_s_at	GEMIN7	-3.36	6.46E-11	1.34E-08	-0.91	-10.10	19q13.32
13	216413_at		-4.58	3.86E-18	2.27E-14	-0.76	-9.81	
14	230495_at	LOC150568	-4.24	1.31E-16	3.43E-13	-0.77	-9.69	2q12.1
15	228519_x_at	CIRBP	-1.66	1.22E-10	2.30E-08	-0.87	-9.68	19p13.3
16	215772_x_at	SUCLG2	-5.17	2.85E-08	1.76E-06	-0.95	-9.58	3p14.2
17	238058_at		-2.34	4.40E-11	9.94E-09	-0.84	-9.57	
18	225065_x_at	MGC40157	-2.52	1.60E-10	2.85E-08	-0.86	-9.56	17p11.2
19	231514_at	MGC15882	-2.09	1.18E-14	1.26E-11	-0.78	-9.56	1p34.3
20	207430_s_at	MSMB	-4.72	1.87E-17	7.33E-14	-0.74	-9.55	10q11.2
21	239023_at	AF1Q	-2.64	9.31E-15	1.04E-11	-0.77	-9.47	1q21
22	217528_at	CLCA2	-4.54	3.42E-16	7.00E-13	-0.75	-9.45	1p31-p22
23	242767_at		-2.65	3.42E-12	1.28E-09	-0.80	-9.44	
24	224132_at	MGC13008	-1.62	8.74E-09	6.74E-07	-0.90	-9.44	17p11.2

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
25	218389_s_at	APH-1A	-1.79	3.75E-09	3.46E-07	-0.89	-9.43	1p36.13-q31.3
26	222134_at	DDO	-5.78	7.51E-17	2.52E-13	-0.73	-9.35	6q21
27	210042_s_at	CTSZ	-3.38	3.57E-16	7.00E-13	-0.74	-9.34	20q13
28	238452_at	FLJ31052	-4.17	2.20E-16	5.18E-13	-0.73	-9.33	1q23.1
29	232464_at	TRIMP1	-1.70	8.14E-13	4.56E-10	-0.78	-9.30	11p15
30	243943_x_at		-3.32	1.26E-13	9.05E-11	-0.77	-9.30	
31	223861_at	DKFZP434A1315	-4.00	5.66E-12	1.82E-09	-0.79	-9.28	1q21.2
32	209706_at	NKX3-1	-2.39	6.04E-12	1.87E-09	-0.79	-9.26	8p21
33	213823_at	HOXA11	-4.36	3.75E-11	8.83E-09	-0.80	-9.24	7p15-p14
34	224461_s_at	AMID	-5.75	3.92E-16	7.09E-13	-0.72	-9.22	10q22.1
35	227750_at	TRAD	-1.74	1.27E-13	9.05E-11	-0.76	-9.20	3q21.2
36	212169_at	FKBP9	-1.82	1.33E-07	6.21E-06	-0.94	-9.19	7p11.1
37	242718_at		-2.78	6.05E-12	1.87E-09	-0.78	-9.19	
38	208438_s_at	FGR	-4.89	2.27E-15	3.14E-12	-0.72	-9.08	1p36.2-p36.1
39	203029_s_at	PTPRN2	-7.10	1.15E-15	1.70E-12	-0.71	-9.07	7q36
40	206907_at	TNFSF9	-2.67	1.36E-12	6.70E-10	-0.75	-9.04	19p13.3
41	210248_at	WNT7A	-2.93	2.11E-13	1.42E-10	-0.74	-8.99	3p25
42	238209_at		-2.87	1.76E-12	7.96E-10	-0.75	-8.98	
43	219505_at	CECR1	-5.28	2.64E-15	3.43E-12	-0.71	-8.97	22q11.2
44	210549_s_at	CCL23	-24.91	8.97E-16	1.51E-12	-0.69	-8.92	17q12
45	240389_at	TRPM6	-4.67	1.05E-15	1.65E-12	-0.69	-8.91	9q21.13
46	232340_at		-1.72	2.34E-09	2.30E-07	-0.81	-8.86	
47	206325_at	SERPINA6	-2.44	2.77E-15	3.43E-12	-0.69	-8.82	14q32.1
48	230343_at		-5.20	4.67E-14	4.22E-11	-0.70	-8.79	
49	235842_at		-3.44	7.21E-11	1.48E-08	-0.76	-8.77	
50	203798_s_at	VSNL1	-5.26	3.03E-15	3.57E-12	-0.68	-8.74	2p24.3

2.11 AML_+11 versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	212953_x_at	CALR	-3.23	1.80E-13	4.05E-09	-2.76	-14.31	19p13.3-p13.2
2	214450_at	CTSW	-5.15	1.06E-12	6.38E-09	-2.79	-14.15	11q13.1
3	38487_at	STAB1	-6.85	6.69E-13	6.38E-09	-2.70	-13.89	3p21.31
4	214575_s_at	AZU1	-10.34	1.13E-12	6.38E-09	-2.52	-13.07	19p13.3
5	226550_at		6.75	1.05E-06	1.28E-04	2.99	12.54	
6	214789_x_at	SRP46	4.93	7.04E-07	9.85E-05	2.93	12.53	11q22
7	200654_at	P4HB	-2.56	4.72E-10	9.11E-07	-2.50	-12.50	17q25
8	238498_at		14.22	8.59E-06	4.81E-04	3.57	12.48	
9	218604_at	MAN1	2.85	1.60E-11	7.18E-08	2.40	12.37	12q14
10	205382_s_at	DF	-4.64	1.06E-10	2.98E-07	-2.42	-12.31	19p13.3
11	229168_at	DKFZp434K0621	-9.05	1.79E-10	4.47E-07	-2.58	-12.11	5q35.3
12	228046_at	LOC152485	8.40	1.58E-05	7.20E-04	3.81	12.07	4q31.1
13	233072_at	KIAA1857	-12.34	3.73E-11	1.40E-07	-2.36	-11.93	9q34
14	204425_at	ARHGAP4	20.63	1.68E-05	7.52E-04	3.75	11.92	Xq28
15	215067_x_at		3.25	4.86E-10	9.11E-07	2.30	11.64	
16	217716_s_at	SEC61A1	-2.28	4.65E-11	1.49E-07	-2.18	-11.29	3q21.3
17	221739_at	IL27w	-1.88	4.15E-10	9.11E-07	-2.20	-11.20	19p13.3

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
18 213147_at	HOXA10	21.86	3.04E-05	1.11E-03	3.59	10.96	7p15-p14
19 205541_s_at	GSPT2	4.40	9.87E-07	1.25E-04	2.47	10.94	Xp11.23-p11.21
20 204150_at	STAB1	-8.44	7.13E-10	1.15E-06	-2.06	-10.37	3p21.31
21 205614_x_at	MST1	-10.96	2.11E-09	1.98E-06	-2.12	-10.24	3p21
22 241383_at		-5.27	1.08E-09	1.31E-06	-2.03	-10.17	
23 208612_at	GRP58	-2.20	3.60E-09	3.00E-06	-1.98	-10.05	15q15
24 218724_s_at	TGIF2	2.56	6.93E-08	2.14E-05	2.06	10.04	20q11.2-q12
25 201666_at	TIMP1	-5.29	6.30E-10	1.09E-06	-1.92	-9.96	Xp11.3-p11.23
26 201462_at	KIAA0193	15.01	3.87E-05	1.31E-03	2.85	9.87	7p14.3-p14.1
27 209573_s_at	C18orf1	-8.19	1.89E-09	1.85E-06	-1.93	-9.73	18p11.2
28 205663_at	PCBP3	-3.78	9.05E-10	1.27E-06	-1.87	-9.70	21q22.3
29 238022_at		-5.22	4.82E-09	3.56E-06	-1.89	-9.65	
30 212509_s_at		-6.92	1.10E-09	1.31E-06	-1.85	-9.60	
31 236787_at		-10.61	3.87E-09	3.11E-06	-1.92	-9.55	
32 203484_at	SEC61G	-2.11	9.06E-10	1.27E-06	-1.83	-9.53	7p11.2
33 AFFX-HSAC07/X00351_3_at - HG-U133B	ACTB	-1.48	1.08E-09	1.31E-06	-1.83	-9.48	7p15-p12
34 216320_x_at		-9.52	4.90E-09	3.56E-06	-1.89	-9.42	
35 243099_at	NFAM1	-3.41	1.61E-09	1.65E-06	-1.82	-9.38	22q13.2
36 208532_x_at		2.39	3.11E-09	2.69E-06	1.82	9.37	
37 230322_at	NFAM1	-2.62	1.29E-09	1.46E-06	-1.80	-9.33	22q13.2
38 201004_at	SSR4	-2.26	1.46E-09	1.56E-06	-1.79	-9.28	Xq28
39 225547_at		1.62	9.91E-09	5.87E-06	1.81	9.24	
40 222423_at	NDFIP1	5.07	4.90E-05	1.53E-03	2.51	9.13	5q31.3
41 230629_s_at	EP400	2.75	1.52E-06	1.61E-04	1.96	9.10	12q24.33
42 212082_s_at	MYL6	-1.59	1.37E-07	3.33E-05	-1.84	-9.08	12q13.13
43 225971_at		3.39	1.25E-05	6.05E-04	2.15	9.08	
44 225065_x_at	MGC40157	-8.23	1.90E-08	9.48E-06	-1.89	-9.05	17p11.2
45 219837_s_at	C17	-15.85	1.52E-08	7.96E-06	-1.85	-9.04	4p16-p15
46 226148_at	HSPC063	3.58	4.19E-06	3.17E-04	2.00	8.97	11q24.3
47 AFFX-HSAC07/X00351_3_at - HG-U133A	ACTB	-1.39	3.08E-09	2.69E-06	-1.72	-8.95	7p15-p12
48 201023_at	TAF7	2.58	4.30E-06	3.22E-04	1.98	8.90	5q31
49 200068_s_at - HG-U133B	CANX	-1.60	1.26E-08	6.93E-06	-1.74	-8.89	5q35
50 210845_s_at	PLAUR	-6.54	4.23E-09	3.29E-06	-1.71	-8.84	19q13

2.12 AML_+11 versus AML_t(8;21)

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 238498_at		7.97	1.01E-05	8.11E-04	3.07	11.63	
2 AFFX-HSAC07/X00351_3_at - HG-U133A	ACTB	-1.41	4.59E-11	1.01E-06	-1.97	-10.99	7p15-p12
3 213147_at	HOXA10	15.70	3.13E-05	1.56E-03	3.28	10.71	7p15-p14
4 213940_s_at	FNBP1	2.56	8.44E-07	1.87E-04	2.16	10.37	9q34
5 228827_at		-87.69	4.56E-10	3.28E-06	-1.96	-10.02	
6 206940_s_at	POU4F1	-48.88	1.34E-09	4.61E-06	-1.88	-9.49	13q21.1-q22

Table 2

7	204316_at	RGS10	-2.03	1.79E-10	1.96E-06	-1.67	-9.43	10q25
8	219678_x_at	DCLRE1C	1.77	1.47E-09	4.61E-06	1.69	9.38	10p13
9	205529_s_at	CBFA2T1	-15.26	2.19E-09	5.97E-06	-1.80	-9.23	8q22
10	204880_at	MGMT	-3.39	5.97E-09	9.36E-06	-1.68	-9.21	10q26
11	221879_at	MGC4809	-5.51	5.97E-10	3.28E-06	-1.61	-9.04	15q22.2
12	212063_at	CD44	1.99	1.21E-07	5.43E-05	1.70	8.97	11p13
13	233705_at		-3.15	9.61E-10	4.22E-06	-1.61	-8.97	
14	229406_at		-10.21	2.45E-09	5.97E-06	-1.66	-8.94	
15	228910_at	KAI1	3.55	4.72E-05	1.92E-03	2.24	8.81	11p11.2
16	214450_at	CTSW	6.35	4.92E-05	1.96E-03	2.22	8.74	11q13.1
17	218604_at	MAN1	1.75	1.24E-08	1.13E-05	1.57	8.64	12q14
18	224516_s_at	HSPC195	5.74	1.13E-04	3.09E-03	2.59	8.57	5q31.3
19	211341_at	POU4F1	-234.63	9.72E-09	1.09E-05	-1.70	-8.54	13q21.1-q22
20	201288_at	ARHGDIB	-1.42	4.63E-09	7.82E-06	-1.53	-8.54	12p12.3
21	220000_at	SIGLEC5	-4.00	1.22E-08	1.13E-05	-1.52	-8.42	19q13.3
22	205528_s_at	CBFA2T1	-39.23	1.14E-08	1.13E-05	-1.60	-8.40	8q22
23	AFFX-HSAC07/X00351_3_at -HG-U133B	ACTB	-1.42	4.33E-09	7.82E-06	-1.47	-8.29	7p15-p12
24	228367_at	HAK	-1.96	3.59E-09	7.82E-06	-1.47	-8.27	18q21.31
25	216438_s_at	SC5DL	-1.37	4.08E-09	7.82E-06	-1.45	-8.17	11q23.3
26	235753_at		10.29	1.83E-04	3.93E-03	2.69	8.08	
27	230279_at		-2.23	7.39E-09	1.01E-05	-1.43	-8.07	
28	214202_at		2.27	2.18E-06	3.43E-04	1.59	8.06	
29	226148_at	HSPC063	2.67	2.19E-05	1.23E-03	1.77	8.05	11q24.3
30	228046_at	LOC152485	2.94	1.37E-05	9.67E-04	1.72	8.04	4q31.1
31	223716_s_at	ZNF265	2.31	2.11E-05	1.22E-03	1.76	8.02	1p31
32	209376_x_at	SFRS2IP	1.77	1.25E-06	2.41E-04	1.55	8.00	12q12
33	229168_at	DKFZp434K0621	-3.77	2.08E-08	1.57E-05	-1.48	-8.00	5q35.3
34	209168_at		-4.14	6.96E-09	1.01E-05	-1.41	-7.98	
35	233587_s_at		-5.75	1.71E-08	1.44E-05	-1.45	-7.95	
36	229189_s_at	LOC93622	-2.64	3.32E-08	2.03E-05	-1.42	-7.89	4p16.1
37	216832_at	CBFA2T1	-2.03	9.04E-09	1.09E-05	-1.40	-7.89	8q22
38	224811_at		1.99	3.63E-06	4.54E-04	1.57	7.87	
39	228253_at	PRSS25	-4.16	9.41E-09	1.09E-05	-1.39	-7.86	2p12
40	211728_s_at	HYAL3	-4.02	9.93E-09	1.09E-05	-1.39	-7.84	3p21.3
41	228499_at	PFKFB4	-2.73	2.59E-07	8.51E-05	-1.45	-7.81	3p21-p22
42	231334_at		-6.31	1.12E-08	1.13E-05	-1.38	-7.78	
43	222759_at	CGI-85	1.77	2.72E-08	1.86E-05	1.39	7.77	11q13.2
44	226523_at	PCSK7	-1.80	5.42E-08	2.92E-05	-1.40	-7.77	11q23-q24
45	214651_s_at	HOXA9	139.47	2.54E-04	4.67E-03	2.85	7.68	7p15-p14
46	232227_at		-7.68	3.18E-08	2.03E-05	-1.40	-7.67	
47	244576_at		-2.30	1.58E-08	1.39E-05	-1.35	-7.65	
48	242341_x_at	LOC132158	-2.50	6.35E-07	1.60E-04	-1.43	-7.64	3p21.31
49	242845_at		-5.53	1.78E-08	1.45E-05	-1.35	-7.63	
50	230322_at	NFAM1	-2.62	1.88E-08	1.47E-05	-1.34	-7.59	22q13.2

2.13 AML_+13 versus AML_+8

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	223467_at	RASD1	11.06	1.97E-04	9.91E-02	2.30	7.53	17p11.2
2	225365_at	FLJ25952	3.15	6.17E-05	8.95E-02	1.94	7.40	13q12.11
3	201908_at	DVL3	-1.69	9.67E-06	6.97E-02	-1.63	-6.89	3q27
4	230206_at		-12.73	1.40E-05	6.97E-02	-1.66	-6.77	
5	208806_at		1.72	3.43E-06	6.97E-02	1.55	6.74	
6	222146_s_at	TCF4	4.06	2.59E-05	8.95E-02	1.61	6.67	18q21.1
7	226002_at	GAB1	3.57	3.44E-04	1.09E-01	1.88	6.52	4q31.1
8	225745_at		2.67	3.10E-05	8.95E-02	1.55	6.45	
9	212386_at		5.96	3.30E-04	1.08E-01	1.82	6.44	
10	201029_s_at	CD99	1.81	1.16E-05	6.97E-02	1.49	6.43	Xp22.32
11	239598_s_at	FLJ20481	-4.16	1.33E-05	6.97E-02	-1.47	-6.29	16q12.1
	'17_at	MRPL49	1.46	1.24E-05	6.97E-02	1.44	6.24	11q13
	¡81_at	GNA12	4.17	5.46E-04	1.17E-01	1.86	6.22	7p22-p21
	-41_at		-2.04	1.50E-05	6.97E-02	-1.43	-6.18	
	)83_at		2.41	4.13E-04	1.09E-01	1.73	6.16	
16	225157_at	MONDOA	2.10	5.21E-05	8.95E-02	1.45	6.05	12q21.31
17	228353_x_at	KIAA1959	2.97	1.14E-04	9.08E-02	1.44	5.88	11q24.1
18	212387_at		4.08	4.10E-04	1.09E-01	1.58	5.87	
19	238462_at	KIAA1959	3.84	2.85E-04	1.08E-01	1.51	5.83	11q24.1
20	207237_at	KCNA3	4.08	2.22E-04	1.05E-01	1.43	5.70	1p13.3
21	210874_s_at	FUS2	-3.25	2.72E-05	8.95E-02	-1.31	-5.70	3p21.3
22	224044_at	MIRO-1	-3.68	4.38E-05	8.95E-02	-1.32	-5.65	17q11.2
23	218341_at	FLJ11838	-2.35	4.27E-05	8.95E-02	-1.31	-5.62	1p34.1
24	212382_at		3.93	1.47E-04	9.20E-02	1.35	5.57	
25	235061_at	DKFZp761G058	2.72	1.66E-04	9.89E-02	1.35	5.54	4q22.1
26	200608_s_at	RAD21	-1.62	3.76E-05	8.95E-02	-1.27	-5.52	8q24
27	216266_s_at	BIG1	-2.05	5.14E-05	8.95E-02	-1.28	-5.51	8q13
28	227001_at		-4.30	1.20E-04	9.08E-02	-1.37	-5.50	
29	219013_at	GALNT11	-3.16	3.91E-05	8.95E-02	-1.26	-5.50	7q34-q36
30	230207_s_at		-4.59	1.11E-04	9.08E-02	-1.35	-5.48	
31	218919_at	FLJ14007	-1.73	6.98E-05	8.95E-02	-1.29	-5.47	8q21.12
32	227501_at		-3.07	4.25E-05	8.95E-02	-1.25	-5.47	
33	216268_s_at	JAG1	-6.62	7.80E-05	8.95E-02	-1.30	-5.46	20p12.1-p11.23
34	212688_at	PIK3CB	-2.59	1.12E-04	9.08E-02	-1.32	-5.42	3q22.3
35	208151_x_at	DDX17	-3.42	7.31E-05	8.95E-02	-1.27	-5.40	22q13.1
36	210007_s_at	GPD2	-1.78	5.19E-05	8.95E-02	-1.23	-5.36	2q24.1
37	222352_at		2.10	7.10E-05	8.95E-02	1.23	5.34	
38	218482_at	DC6	-2.07	1.91E-04	9.91E-02	-1.36	-5.32	8q23.2
39	202955_s_at	BIG1	-1.70	8.58E-05	8.95E-02	-1.25	-5.31	8q13
40	244868_at		-3.53	6.61E-05	8.95E-02	-1.22	-5.29	
41	225545_at	EEF2K	-1.49	1.26E-04	9.19E-02	-1.24	-5.27	16p12.3
42	201848_s_at	BNIP3	-2.06	7.11E-05	8.95E-02	-1.21	-5.25	14q11.2-q12
43	204807_at	TMEM5	-2.19	1.09E-04	9.08E-02	-1.23	-5.25	12q14.1
44	229114_at		3.80	7.16E-04	1.24E-01	1.39	5.25	
45	214937_x_at	PCM1	-1.86	1.16E-04	9.08E-02	-1.25	-5.25	8p22-p21.3
46	221949_at	LOC222070	-2.45	8.09E-05	8.95E-02	-1.20	-5.20	7p13

Table 2

#	affy id		HUGO name	fc	p	q	stn	t	Map Location
47	227696_at		LAT1-3TM	2.29	8.59E-04	1.29E-01	1.39	5.20	16p12
48	218942_at		FLJ22055	-3.82	7.56E-05	8.95E-02	-1.19	-5.19	12q13.13
49	204530_s_at		TOX	2.47	3.93E-04	1.09E-01	1.29	5.19	8q11.23
50	225789_at		CENTG3	-3.11	7.48E-05	8.95E-02	-1.19	-5.18	7q36.1

2.14 AML_+13 versus AML_-7

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	214743_at	CUTL1	1.90	1.50E-06	2.11E-02	2.78	10.49	7q22
2	205429_s_at	MPP6	4.19	5.41E-07	2.01E-02	2.41	9.49	7p15
3	227459_at		4.48	3.43E-06	2.11E-02	2.45	9.31	
4	201816_s_at	GBAS	2.25	9.73E-06	3.29E-02	2.13	8.12	7p12
5	226691_at	KIAA1856	2.42	4.82E-06	2.20E-02	2.04	7.97	7p22.2
6	217853_at	TEM6	3.92	1.64E-05	4.69E-02	2.10	7.93	7p15.1
7	217753_s_at	RPS26	2.01	1.72E-06	2.11E-02	1.98	7.90	12q13
8	209036_s_at	MDH2	2.11	2.37E-05	5.58E-02	2.10	7.82	7p12.3-q11.2
9	200950_at	ARPC1A	2.33	2.90E-06	2.11E-02	1.91	7.62	7q22.1
10	244534_at	ZRF1	1.81	3.99E-06	2.11E-02	1.92	7.58	7q22-q32
11	238315_s_at	MGC45586	-4.15	3.51E-06	2.11E-02	-1.86	-7.43	19q13.12
12	224681_at	GNA12	7.58	2.94E-04	1.38E-01	2.34	7.20	7p22-p21
13	211998_at	H3F3B	1.95	5.33E-06	2.20E-02	1.78	7.13	17q25
14	222751_at	FLJ22313	2.10	4.57E-05	6.96E-02	1.90	7.12	7p14.1
15	225666_at	FLJ14624	2.20	8.72E-06	3.24E-02	1.79	7.10	13q32.3
16	208820_at	PTK2	6.85	1.57E-04	1.14E-01	2.01	7.00	8q24-qter
17	208445_s_at	BAZ1B	3.87	2.31E-05	5.58E-02	1.74	6.80	7q11.23
18	209256_s_at	KIAA0265	3.69	9.14E-05	8.71E-02	1.84	6.78	7q32.2
19	235061_at	DKFZp761G058	3.06	2.13E-04	1.25E-01	1.90	6.65	4q22.1
20	224719_s_at	LOC113246	-2.62	1.21E-05	3.75E-02	-1.67	-6.65	12p13.31
21	214756_x_at	PMS2L8	2.13	6.96E-05	7.94E-02	1.76	6.64	7q22
22	208688_x_at	EIF3S9	1.82	6.92E-05	7.94E-02	1.75	6.61	7p22.3
23	213409_s_at	RHEB2	1.80	4.23E-05	6.96E-02	1.70	6.57	7q36
24	232231_at		3.90	3.79E-04	1.47E-01	1.99	6.54	
25	212386_at		5.44	4.13E-04	1.47E-01	1.92	6.38	
26	223732_at	SLC23A2	3.37	2.40E-05	5.58E-02	1.61	6.38	5q31.2-q31.3
27	223065_s_at	STARD3NL	2.21	4.42E-05	6.96E-02	1.63	6.37	7p14-p13
28	212074_at	UNC84A	3.60	4.11E-04	1.47E-01	1.87	6.29	7p22.3
29	221737_at	GNA12	4.20	4.95E-04	1.52E-01	1.90	6.25	7p22-p21
30	227904_at	FLJ21939	-2.76	4.22E-05	6.96E-02	-1.60	-6.24	3p23
31	217028_at	CXCR4	1.63	3.03E-05	6.25E-02	1.56	6.20	2q21
32	201338_x_at	GTF3A	1.70	4.00E-05	6.96E-02	1.56	6.15	13q12.3-q13.1
33	226694_at	AKAP2	4.70	2.73E-04	1.34E-01	1.71	6.14	9q31-q33
34	211919_s_at	CXCR4	1.85	2.62E-05	5.72E-02	1.53	6.13	2q21
35	233255_s_at	BIVM	-21.14	2.60E-04	1.32E-01	-1.86	-6.10	13q32-q33.1
36	41220_at	MSF	1.86	1.11E-04	9.34E-02	1.59	6.07	17q25
37	204021_s_at	PURA	-2.34	5.28E-05	7.26E-02	-1.55	-6.06	5q31
38	230207_s_at		-4.61	1.54E-04	1.14E-01	-1.64	-6.00	
39	225775_at		3.06	4.98E-04	1.52E-01	1.75	5.99	

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
40	230719_at		4.06	4.69E-05	6.96E-02	1.51	5.98	
41	219431_at	FLJ20896	-2.59	1.19E-04	9.82E-02	-1.57	-5.92	4q31.21
42	209201_x_at	CXCR4	1.93	4.21E-05	6.96E-02	1.48	5.90	2q21
43	230206_at		-11.89	2.10E-04	1.25E-01	-1.64	-5.90	
44	222146_s_at	TCF4	2.61	2.10E-04	1.25E-01	1.57	5.87	18q21.1
45	239213_at	SERPINB1	-3.07	1.04E-04	9.34E-02	-1.52	-5.85	6p25
46	203462_x_at	EIF3S9	1.57	7.80E-05	8.27E-02	1.49	5.84	7p22.3
47	212387_at		3.83	5.29E-04	1.55E-01	1.68	5.83	
48	203955_at	KIAA0649	-7.84	1.99E-04	1.25E-01	-1.59	-5.82	9q34.3
49	222352_at		2.38	4.92E-05	7.03E-02	1.44	5.78	
50	220239_at	SBBI26	2.41	3.99E-04	1.47E-01	1.59	5.74	7p15.3

2.15 AML_+13 versus AML_5q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	230206_at		-13.93	1.96E-05	1.28E-01	-2.72	-9.27	
2	217963_s_at	NGFRAP1	-17.98	6.92E-05	1.33E-01	-2.91	-9.01	Xq22.1
3	213228_at	PDE8B	-2.49	5.05E-06	7.23E-02	-2.19	-8.10	5q13.2
4	227177_at		-5.27	9.97E-05	1.45E-01	-2.47	-8.01	
5	225789_at	CENTG3	-3.78	3.86E-06	7.23E-02	-2.14	-7.99	7q36.1
6	212889_x_at	PLINP-1	-3.07	6.63E-06	7.23E-02	-2.11	-7.85	19p13.12
7	212062_at	ATP9A	-15.13	1.10E-04	1.45E-01	-2.24	-7.50	20q13.11-q13.2
8	204159_at	CDKN2C	-3.52	4.10E-05	1.28E-01	-2.09	-7.45	1p32
9	227490_at	WDFY2	2.25	1.57E-05	1.28E-01	2.02	7.42	13q14.12
10	217975_at	LOC51186	-8.30	2.65E-04	1.93E-01	-2.24	-7.07	Xq22.1
11	206770_s_at	SLC35A3	-1.83	4.09E-05	1.28E-01	-1.91	-6.95	1p21
12	238337_s_at		-2.19	2.70E-05	1.28E-01	-1.77	-6.61	
13	222664_at	MGC2628	-5.69	2.43E-04	1.93E-01	-1.88	-6.42	19q13.11
14	201345_s_at	UBE2D2	1.93	4.77E-05	1.28E-01	1.73	6.41	5q31.3
15	218926_at	MYNN	-1.83	4.37E-05	1.28E-01	-1.72	-6.40	3q26.31
16	215193_x_at	HLA-DRB1	3.09	1.08E-04	1.45E-01	1.73	6.26	6p21.3
17	202797_at	SACM1L	-2.54	7.69E-05	1.33E-01	-1.70	-6.25	3p21.3
18	223374_s_at	B3GALT3	-2.90	5.19E-05	1.28E-01	-1.68	-6.24	3q25
19	218198_at	DDX32	-1.66	5.86E-05	1.28E-01	-1.67	-6.20	10q26.2
20	225144_at		-3.13	5.15E-05	1.28E-01	-1.64	-6.13	
21	202371_at	FLJ21174	-2.43	5.35E-05	1.28E-01	-1.64	-6.13	Xq22.1
22	213970_at		-1.79	5.52E-05	1.28E-01	-1.63	-6.09	
23	241319_at		-2.23	6.36E-05	1.30E-01	-1.62	-6.05	
24	204949_at	ICAM3	-2.10	4.09E-04	2.16E-01	-1.77	-5.99	19p13.3-p13.2
25	218942_at	FLJ22055	-5.66	2.44E-04	1.93E-01	-1.69	-5.96	12q13.13
26	226895_at	GEMIN7	-1.68	7.73E-05	1.33E-01	-1.59	-5.93	19q13.32
27	230263_s_at		-4.56	2.73E-04	1.94E-01	-1.68	-5.91	
28	208654_s_at	CD164	-2.48	8.19E-04	2.38E-01	-1.90	-5.89	6q21
29	243587_x_at		-2.94	9.13E-05	1.45E-01	-1.54	-5.77	
30	200651_at	GNB2L1	1.31	9.77E-05	1.45E-01	1.54	5.76	5q35.3
31	214313_s_at	IF2	-2.44	1.11E-04	1.45E-01	-1.53	-5.71	2p11.1-q11.1
32	228073_at	C20orf147	-1.97	1.28E-04	1.58E-01	-1.50	-5.61	20p11.1

Table 2

33 203675_at	NUCB2	-2.24 1.51E-04 1.59E-01 -1.51	-5.59 11p15.1-p14
34 209619_at	CD74	2.05 7.95E-04 2.38E-01 1.68	5.56 5q32
35 209312_x_at	HLA-DRB1	2.40 1.43E-04 1.58E-01 1.49	5.55 6p21.3
36 209707_at	PIGK	-2.51 1.31E-04 1.58E-01 -1.48	-5.53 1p31.1
37 218772_x_at	FLJ10493	-2.57 1.42E-04 1.58E-01 -1.48	-5.53 9q31.2
38 232744_x_at		-1.84 1.45E-04 1.58E-01 -1.46	-5.46
39 237193_s_at		-3.51 5.08E-04 2.24E-01 -1.54	-5.43
40 222270_at	KIAA1387	-2.64 2.50E-04 1.93E-01 -1.47	-5.41 2p16.1
41 202211_at	ARFGAP3	-1.81 1.79E-04 1.83E-01 -1.45	-5.39 22q13.2-q13.3
42 200602_at	APP	-3.23 7.43E-04 2.38E-01 -1.57	-5.38 21q21.3
43 200984_s_at	CD59	-2.80 4.33E-04 2.21E-01 -1.50	-5.36 11p13
44 231869_at	KIAA1586	-1.96 1.89E-04 1.83E-01 -1.43	-5.35 6p11.1
45 228093_at	FLJ30663	-2.25 2.06E-04 1.92E-01 -1.44	-5.35 19q13.11
46 209267_s_at	BIGM103	-3.41 1.19E-03 2.45E-01 -1.65	-5.33 4q22-q24
47 225330_at	MGC18216	-2.82 7.48E-04 2.38E-01 -1.54	-5.30 15q26.3
48 213076_at	ITPKC	-1.51 2.18E-04 1.93E-01 -1.42	-5.30 19q13.1
49 229808_at	CHAF1A	-3.12 1.90E-04 1.83E-01 -1.42	-5.30 19p13.3
50 204011_at	SPRY2	-5.90 9.50E-04 2.38E-01 -1.57	-5.29 13q22.1

2.16 AML_+13 versus AML_9q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	221848_at	KIAA1847	-4.98	1.62E-06	6.20E-03	-2.83	-10.38	20q13.3
2	203282_at	GBE1	-5.55	2.41E-06	7.38E-03	-2.54	-9.47	3p12.3
3	208653_s_at	CD164	-3.68	7.77E-07	6.20E-03	-2.43	-9.44	6q21
4	206851_at	RNASE3	-17.26	5.18E-06	1.10E-02	-2.63	-9.42	14q24-q31
5	203168_at	CREBL1	-1.98	1.57E-06	6.20E-03	-2.44	-9.31	6p21.3
6	225745_at		4.23	2.68E-05	1.59E-02	2.65	9.19	
7	231300_at	LOC90835	-3.38	1.92E-06	6.51E-03	-2.35	-9.00	16p11.2
8	230207_s_at		-3.91	7.64E-07	6.20E-03	-2.20	-8.72	
9	220416_at	KIAA1939	-8.93	1.18E-05	1.35E-02	-2.46	-8.71	15q15.3
10	212688_at	PIK3CB	-3.99	1.19E-05	1.35E-02	-2.38	-8.54	3q22.3
11	230206_at		-10.62	3.76E-06	1.05E-02	-2.17	-8.35	
12	205429_s_at	MPP6	3.85	1.16E-06	6.20E-03	2.04	8.17	7p15
13	205084_at	BAP29	-2.97	1.23E-06	6.20E-03	-2.03	-8.13	7q22.2
14	228353_x_at	KIAA1959	5.16	7.57E-05	2.55E-02	2.36	8.08	11q24.1
15	221923_s_at	NPM1	-1.97	5.72E-06	1.10E-02	-2.10	-8.07	5q35
16	205401_at	AGPS	-2.09	1.33E-06	6.20E-03	-2.01	-8.02	2q31
17	210156_s_at	PCMT1	-2.78	1.53E-06	6.20E-03	-1.99	-7.95	6q24-q25
18	203955_at	KIAA0649	-9.35	1.35E-05	1.39E-02	-2.12	-7.89	9q34.3
19	203675_at	NUCB2	-4.23	2.19E-05	1.52E-02	-2.06	-7.60	11p15.1-p14
20	222668_at	MGC2628	-10.38	3.39E-05	1.79E-02	-2.14	-7.59	19q13.11
21	206111_at	RNASE2	-4.79	5.62E-06	1.10E-02	-1.90	-7.49	14q24-q31
22	218743_at	FLJ11749	-6.64	1.92E-05	1.52E-02	-2.00	-7.47	17q25.3
23	230263_s_at		-5.38	1.12E-05	1.35E-02	-1.92	-7.40	
24	229838_at	NUCB2	-3.16	2.45E-05	1.56E-02	-1.99	-7.38	11p15.1-p14
25	210007_s_at	GPD2	-2.21	6.78E-06	1.22E-02	-1.86	-7.33	2q24.1

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
26	204670_x_at	HLA-DRB5	2.87	5.75E-06	1.10E-02	1.85	7.31	6p21.3
27	212173_at	AK2	-4.19	3.03E-05	1.66E-02	-1.97	-7.28	1p34
28	208626_s_at	VAT1	-2.72	2.25E-05	1.53E-02	-1.93	-7.25	17q21
29	218061_at	MEA	-2.26	4.89E-06	1.10E-02	-1.80	-7.19	6p21.3-p21.1
30	202371_at	FLJ21174	-3.70	2.13E-05	1.52E-02	-1.86	-7.08	Xq22.1
31	224025_s_at	GSA7	-5.62	9.84E-06	1.35E-02	-1.78	-7.03	3p25.2
32	221972_s_at	Cab45	-2.04	1.57E-05	1.50E-02	-1.79	-7.01	1p36.33
33	209619_at	CD74	2.07	3.14E-05	1.68E-02	1.86	6.99	5q32
34	244293_at		2.72	3.74E-05	1.85E-02	1.83	6.97	
35	225677_at	BAP29	-2.33	8.57E-06	1.35E-02	-1.75	-6.97	7q22.2
36	210150_s_at	LAMA5	-4.79	5.82E-05	2.19E-02	-1.93	-6.96	20q13.2-q13.3
37	218840_s_at	FLJ10631	-2.01	1.12E-05	1.35E-02	-1.76	-6.93	11q13.2
38	209707_at	PIGK	-3.64	1.17E-05	1.35E-02	-1.76	-6.93	1p31.1
39	213896_x_at	KIAA0974	-6.05	2.09E-05	1.52E-02	-1.77	-6.86	10q22.2
40	208855_s_at	STK24	2.00	6.03E-05	2.19E-02	1.83	6.85	13q31.2-q32.3
41	211733_x_at	SCP2	-1.93	8.03E-06	1.35E-02	-1.71	-6.84	1p32
42	209439_s_at	PHKA2	-2.58	1.07E-05	1.35E-02	-1.71	-6.81	Xp22.2-p22.1
43	224923_at	TTC7	2.13	2.93E-05	1.64E-02	1.76	6.80	2p21
44	218942_at	FLJ22055	-3.95	1.78E-05	1.52E-02	-1.72	-6.77	12q13.13
45	217780_at	PTD008	-1.86	2.18E-05	1.52E-02	-1.71	-6.72	19p13.13
46	222352_at		2.62	1.37E-05	1.39E-02	1.69	6.72	
47	222294_s_at		-3.70	2.11E-05	1.52E-02	-1.72	-6.71	
48	204561_x_at	APOC2	-32.08	1.53E-04	3.55E-02	-2.18	-6.69	19q13.2
49	203960_s_at	LOC51668	-2.15	1.14E-05	1.35E-02	-1.66	-6.65	1p32.1-p33
50	219431_at	FLJ20896	-2.42	2.38E-05	1.56E-02	-1.70	-6.64	4q31.21

2.17 AML_+13 versus AML_MLL

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	205429_s_at	MPP6	4.93	5.47E-07	1.41E-04	2.16	11.04	7p15
2	204082_at	PBX3	-5.01	3.95E-11	5.80E-07	-1.55	-9.52	9q33-q34
3	223703_at	CDA017	-6.94	1.80E-11	5.28E-07	-1.50	-9.47	10q23.1
4	226517_at	BCAT1	7.04	2.66E-05	1.74E-03	2.22	9.39	12pter-q12
5	211998_at	H3F3B	2.23	1.79E-07	6.41E-05	1.65	9.26	17q25
6	225745_at		4.22	2.81E-05	1.81E-03	2.16	9.23	
7	221036_s_at	PSFL	-2.26	6.53E-11	6.40E-07	-1.43	-9.00	15q21.3
8	213908_at		-7.46	9.75E-11	7.16E-07	-1.40	-8.83	
9	230263_s_at		-5.62	1.72E-10	9.84E-07	-1.39	-8.79	
10	230207_s_at		-4.27	2.01E-10	9.84E-07	-1.39	-8.74	
11	228497_at	FLIPT1	-6.79	3.46E-10	1.27E-06	-1.39	-8.62	1p13.1
12	219078_at	FLJ10252	-2.84	2.97E-10	1.25E-06	-1.35	-8.52	1q41
13	222668_at	MGC2628	-10.72	3.93E-10	1.28E-06	-1.36	-8.51	19q13.11
14	212173_at	AK2	-6.25	5.38E-10	1.36E-06	-1.37	-8.47	1p34
15	230075_at	RAB39B	3.78	5.87E-06	6.82E-04	1.63	8.40	
16	220416_at	KIAA1939	-6.91	5.54E-10	1.36E-06	-1.33	-8.33	15q15.3
17	209905_at	HOXA9	-8.26	8.50E-10	1.59E-06	-1.32	-8.33	7p15-p14
18	225804_at	MGC32124	-2.29	4.49E-08	2.44E-05	-1.39	-8.31	17p13.3

Table 2

	affy Id	HUGO name	fc	p	q	stn	t	Map Location
19	217691_x_at	SLC16A3	-2.50	4.49E-10	1.32E-06	-1.31	-8.31	17q25
20	214651_s_at	HOXA9	-5.23	2.42E-07	7.55E-05	-1.43	-8.26	7p15-p14
21	218007_s_at	RPS27L	-2.66	6.69E-10	1.51E-06	-1.31	-8.26	15q21.3
22	206440_at	LIN7A	-10.93	7.26E-10	1.52E-06	-1.31	-8.23	12q21
23	223126_s_at	C1orf21	5.22	4.02E-05	2.25E-03	1.82	8.23	1q25
24	41220_at	MSF	2.37	3.09E-05	1.92E-03	1.76	8.20	17q25
25	225285_at		5.12	2.35E-06	3.60E-04	1.50	8.15	
26	227001_at		-3.77	9.66E-10	1.59E-06	-1.28	-8.08	
27	225386_s_at	LOC92906	-6.72	9.76E-10	1.59E-06	-1.27	-8.06	2p22.2
28	218271_s_at	PARL	-2.39	9.65E-10	1.59E-06	-1.27	-8.06	3q27.3
29	235753_at		-4.52	8.66E-09	8.01E-06	-1.31	-8.05	
30	234978_at	FLJ38932	-2.71	1.21E-09	1.87E-06	-1.27	-8.03	11q14.3
31	222664_at	MGC2628	-8.35	1.58E-09	2.32E-06	-1.28	-8.00	19q13.11
32	224345_x_at	E2IG5	-2.14	4.14E-09	5.07E-06	-1.27	-7.94	3q21.1
33	218553_s_at	MGC2628	-2.52	6.32E-09	7.09E-06	-1.26	-7.83	19q13.11
34	224839_s_at	GPT2	-11.98	4.45E-09	5.22E-06	-1.28	-7.83	16q12.1
35	229838_at	NUCB2	-2.80	2.16E-09	3.03E-06	-1.23	-7.80	11p15.1-p14
36	208820_at	PTK2	12.13	1.41E-04	4.98E-03	1.99	7.75	8q24-qter
37	203517_at	MTX2	-2.90	1.24E-07	4.90E-05	-1.29	-7.74	2q31.2
38	220942_x_at	E2IG5	-2.14	6.52E-09	7.09E-06	-1.23	-7.73	3q21.1
39	230206_at		-10.70	2.62E-09	3.50E-06	-1.22	-7.73	
40	227929_at		-15.70	7.78E-09	7.67E-06	-1.26	-7.66	
41	222146_s_at	TCF4	5.14	1.95E-05	1.44E-03	1.51	7.64	18q21.1
42	225157_at	MONDOA	2.29	8.84E-05	3.67E-03	1.75	7.64	12q21.31
43	213622_at	COL9A2	-3.36	3.53E-09	4.50E-06	-1.21	-7.64	1p33-p32
44	213737_x_at		-2.04	7.21E-07	1.68E-04	-1.32	-7.63	
45	216417_x_at	HOXB9	-3.22	1.14E-08	9.86E-06	-1.22	-7.63	17q21.3
46	219869_s_at	BIGM103	-2.72	1.73E-08	1.35E-05	-1.22	-7.58	4q22-q24
47	221004_s_at	ITM2C	3.69	8.16E-06	8.33E-04	1.42	7.57	2q37
48	213147_at	HOXA10	-3.23	2.67E-08	1.79E-05	-1.22	-7.55	7p15-p14
49	227182_at	MGC26847	-6.78	7.31E-09	7.67E-06	-1.22	-7.55	9q22.2
50	226550_at		3.41	1.87E-05	1.40E-03	1.46	7.47	

2.18 AML_+13 versus AML_inv(16)

#	affy Id	HUGO name	fc	p	q	stn	t	Map Location
1	203949_at	MPO	-23.07	8.91E-24	3.11E-19	-5.39	-30.34	17q23.1
2	203948_s_at	MPO	-36.13	8.11E-19	1.41E-14	-4.19	-22.84	17q23.1
3	217849_s_at	CDC42BPB	-14.75	3.69E-12	3.21E-08	-2.13	-11.74	14q32.3
4	202747_s_at	ITM2A	-9.11	2.57E-12	2.98E-08	-2.01	-11.34	Xq13.3-Xq21.2
5	201497_x_at	MYH11	-26.21	4.88E-11	1.70E-07	-2.18	-11.20	16p13.13-p13.12
6	230207_s_at		-4.67	1.03E-11	5.92E-08	-1.97	-11.09	
7	231310_at		-5.03	4.73E-11	1.70E-07	-1.97	-10.96	
8	201596_x_at	KRT18	-12.19	3.45E-11	1.50E-07	-2.02	-10.94	12q13
9	227711_at	FLJ32942	-7.68	6.74E-12	4.70E-08	-1.93	-10.88	12q13.13
10	230206_at		-12.36	1.19E-11	5.92E-08	-1.87	-10.59	
11	208806_at		2.16	2.93E-09	4.44E-06	1.93	10.39	

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
12 226141_at		-8.02	2.43E-10	5.28E-07	-1.88	-10.09	
13 201496_x_at	MYH11	-7.09	6.28E-11	1.99E-07	-1.75	-9.88	16p13.13-p13.12
14 202746_at	ITM2A	-6.15	9.86E-11	2.86E-07	-1.75	-9.88	Xq13.3-Xq21.2
15 204011_at	SPRY2	-13.92	2.38E-10	5.28E-07	-1.80	-9.86	13q22.1
16 230263_s_at		-5.62	1.52E-10	4.07E-07	-1.73	-9.75	
17 213241_at		6.99	5.22E-05	5.18E-03	2.88	9.70	
18 236738_at		-11.52	1.78E-10	4.44E-07	-1.72	-9.61	
19 228058_at	LOC124220	-5.56	6.73E-10	1.30E-06	-1.69	-9.43	16p13.3
20 202016_at	MEST	-5.52	4.95E-10	1.01E-06	-1.68	-9.34	7q32
21 215116_s_at	DNM1	-5.40	7.58E-10	1.39E-06	-1.69	-9.28	9q34
22 224764_at	ARHGAP10	-4.94	1.02E-09	1.78E-06	-1.59	-8.95	10
23 204044_at	QPRT	-3.20	1.35E-09	2.25E-06	-1.58	-8.87	16p12.1
24 230075_at	RAB39B	4.25	5.28E-06	1.17E-03	1.88	8.85	
25 200951_s_at	CCND2	-3.74	1.86E-09	2.95E-06	-1.58	-8.84	12p13
26 214797_s_at	PCTK3	2.86	1.33E-05	2.07E-03	1.90	8.60	1q31-q32
27 209365_s_at	ECM1	-2.89	6.17E-09	7.96E-06	-1.52	-8.48	1q21
28 225789_at	CENTG3	-3.42	2.70E-06	7.48E-04	-1.72	-8.47	7q36.1
29 200953_s_at	CCND2	-2.20	7.86E-09	8.88E-06	-1.52	-8.45	12p13
30 204306_s_at	CD151	-8.78	7.74E-09	8.88E-06	-1.57	-8.43	11p15.5
31 210609_s_at	PIG3	-4.08	6.65E-08	5.04E-05	-1.54	-8.37	2p24.1
32 222862_s_at	AK5	-35.22	1.53E-08	1.53E-05	-1.61	-8.30	1p31
33 209099_x_at	JAG1	-10.95	5.62E-09	7.53E-06	-1.49	-8.28	20p12.1-p11.23
34 229309_at		-10.75	4.46E-09	6.22E-06	-1.46	-8.22	
35 209098_s_at	JAG1	-6.18	4.39E-09	6.22E-06	-1.46	-8.21	20p12.1-p11.23
36 239791_at		5.01	6.73E-05	6.20E-03	2.02	8.15	
37 218364_at	LRRFIP2	-2.16	3.62E-08	3.08E-05	-1.47	-8.13	3p21.33
38 219078_at	FLJ10252	-2.46	8.86E-09	9.65E-06	-1.44	-8.09	1q41
39 209975_at	CYP2E1	-5.68	6.51E-09	8.10E-06	-1.41	-7.99	10q24.3-qter
40 207961_x_at	MYH11	-21.93	3.30E-08	2.87E-05	-1.56	-7.97	16p13.13-p13.12
41 208033_s_at	ATBF1	-3.76	7.90E-09	8.88E-06	-1.41	-7.95	16q22.3-q23.1
42 219890_at	CLECSF5	-8.69	3.19E-08	2.87E-05	-1.50	-7.91	7q33
43 222668_at	MGC2628	-8.20	1.15E-08	1.18E-05	-1.41	-7.90	19q13.11
44 34210_at	CDW52	-3.96	2.17E-07	1.23E-04	-1.46	-7.87	1p36
45 203074_at	ANXA8	-1.83	2.29E-08	2.15E-05	-1.41	-7.86	10q11.2
46 208626_s_at	VAT1	-2.85	1.10E-08	1.16E-05	-1.39	-7.85	17q21
47 242738_s_at		-2.49	1.69E-08	1.64E-05	-1.40	-7.84	
48 223467_at	RASD1	14.41	2.14E-04	1.32E-02	2.54	7.82	17p11.2
49 208820_at	PTK2	10.17	1.51E-04	1.08E-02	2.01	7.59	8q24-qter
50 241525_at	LOC200772	-77.89	7.84E-08	5.58E-05	-1.49	-7.59	2q37.3

2.19 AML_+13 versus AML_inv(3)

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 217963_s_at	NGFRAP1	-18.23	1.94E-08	3.54E-04	-2.01	-9.41	Xq22.1
2 230206_at		-10.57	1.06E-08	3.54E-04	-1.75	-8.74	
3 201462_at	KIAA0193	-6.59	4.60E-08	4.80E-04	-1.64	-8.14	7p14.3-p14.1
4 230207_s_at		-3.87	5.27E-08	4.80E-04	-1.58	-7.90	

Table 2

5	202888_s_at	ANPEP	-2.92	3.84E-07	1.26E-03	-1.70	-7.80 15q25-q26
6	223136_at	AIG-1	-5.01	7.26E-08	5.29E-04	-1.55	-7.76 6q24.1
7	211919_s_at	CXCR4	2.36	1.86E-07	9.68E-04	1.52	7.56 2q21
8	213564_x_at	LDHB	-1.30	1.72E-07	9.68E-04	-1.52	-7.54 12p12.2-p12.1
9	206295_at	IL18	-4.26	3.77E-07	1.26E-03	-1.57	-7.53 11q22.2-q22.3
10	213061_s_at	LOC123803	1.70	3.38E-07	1.26E-03	1.50	7.40 16p13.11
11	226694_at	AKAP2	9.83	1.89E-04	2.73E-02	2.07	7.37 9q31-q33
12	225745_at		2.60	9.61E-05	2.08E-02	1.85	7.33
13	35617_at	MAPK7	1.99	3.43E-05	1.40E-02	1.64	7.15 17p11.2
14	217975_at	LOC51186	-12.15	1.32E-06	2.67E-03	-1.56	-7.14 Xq22.1
15	217691_x_at	SLC16A3	-2.06	3.50E-07	1.26E-03	-1.41	-7.05 17q25
16	209201_x_at	CXCR4	2.42	1.29E-06	2.67E-03	1.43	7.02 2q21
17	230263_s_at		-4.83	4.16E-07	1.26E-03	-1.40	-6.99
18	219837_s_at	C17	-16.54	1.49E-06	2.67E-03	-1.49	-6.97 4p16-p15
19	201030_x_at	LDHB	-1.40	1.43E-05	7.97E-03	-1.51	-6.93 12p12.2-p12.1
20	227182_at	MGC26847	-8.30	1.84E-06	2.92E-03	-1.49	-6.91 9q22.2
21	200950_at	ARPC1A	1.92	5.83E-06	5.31E-03	1.41	6.73 7q22.1
22	226865_at		-5.72	1.42E-06	2.67E-03	-1.38	-6.72
23	222664_at	MGC2628	-6.05	1.38E-06	2.67E-03	-1.37	-6.68 19q13.11
24	222761_at	BIVM	-7.94	2.19E-06	3.32E-03	-1.39	-6.64 13q32-q33.1
25	228497_at	FLIPT1	-2.97	9.54E-07	2.67E-03	-1.32	-6.61 1p13.1
26	201596_x_at	KRT18	-20.47	4.29E-06	4.73E-03	-1.50	-6.60 12q13
27	202371_at	FLJ21174	-3.63	1.52E-06	2.67E-03	-1.33	-6.55 Xq22.1
28	226763_at	DKFZp434O0515	-6.16	2.77E-06	3.48E-03	-1.37	-6.53 2q31.3
29	227573_s_at		-6.26	2.45E-06	3.43E-03	-1.35	-6.52
30	231902_at	LOC152485	-2.85	1.29E-06	2.67E-03	-1.30	-6.49 4q31.1
31	37408_at	MRC2	-2.63	1.54E-06	2.67E-03	-1.30	-6.46 17q23.3
32	211998_at	H3F3B	1.80	3.71E-06	4.22E-03	1.31	6.41 17q25
33	214462_at	SOCS4	-2.26	1.82E-06	2.92E-03	-1.29	-6.40 18q22.2
34	205411_at	STK4	-1.85	2.77E-06	3.48E-03	-1.30	-6.35 20q11.2-q13.2
35	208742_s_at	SAP18	1.73	1.49E-04	2.55E-02	1.50	6.30 13q11
36	225330_at	MGC18216	-3.04	2.87E-06	3.49E-03	-1.26	-6.25 15q26.3
37	218212_s_at	MOCS2	-4.05	2.71E-06	3.48E-03	-1.26	-6.25 5q11
38	209267_s_at	BIGM103	-3.52	4.64E-06	4.94E-03	-1.29	-6.24 4q22-q24
39	244623_at		-4.05	8.28E-06	6.21E-03	-1.28	-6.23
40	234107_s_at	HARS2	-2.82	2.40E-06	3.43E-03	-1.24	-6.22 20p11.23
41	221973_at	LOC150759	-3.17	5.53E-06	5.16E-03	-1.28	-6.15 2q11.1
42	226764_at	LOC152485	-6.97	3.19E-06	3.75E-03	-1.24	-6.15 4q31.1
43	201242_s_at	ATP1B1	-5.41	5.10E-06	5.03E-03	-1.26	-6.13 1q22-q25
44	212688_at	PIK3CB	-3.29	7.14E-06	5.97E-03	-1.28	-6.11 3q22.3
45	224681_at	GNA12	3.87	6.62E-04	5.01E-02	1.79	6.11 7p22-p21
46	239791_at		3.01	8.63E-05	1.99E-02	1.37	6.10
47	222668_at	MGC2628	-8.25	7.21E-06	5.97E-03	-1.28	-6.09 19q13.11
48	209256_s_at	KIAA0265	2.89	1.88E-04	2.73E-02	1.44	6.08 7q32.2
49	233255_s_at	BIVM	-37.82	1.20E-05	7.55E-03	-1.38	-6.07 13q32-q33.1
50	202747_s_at	ITM2A	-5.34	5.11E-06	5.03E-03	-1.21	-6.00 Xq13.3-Xq21.2

Table 2

2.2 AML_+13 versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	209619_at	CD74	2.82	3.36E-13	3.71E-09	2.84	16.95	5q32
2	222902_s_at	FLJ21144	-2.38	4.07E-13	3.71E-09	-1.79	-11.35	1p34.1
3	208806_at		2.21	1.85E-09	1.47E-06	1.85	10.95	
4	200608_s_at	RAD21	-1.92	1.22E-09	1.31E-06	-1.64	-9.93	8q24
5	239598_s_at	FLJ20481	-5.21	1.85E-11	1.12E-07	-1.50	-9.55	16q12.1
6	214763_at	THEA	-7.52	3.30E-11	1.51E-07	-1.53	-9.49	1p32.2
7	204670_x_at	HLA-DRB5	2.42	8.28E-08	1.64E-05	1.61	9.28	6p21.3
8	218364_at	LRRFIP2	-2.61	8.04E-11	2.44E-07	-1.45	-9.22	3p21.33
9	206060_s_at	PTPN22	-4.39	7.28E-11	2.44E-07	-1.39	-8.92	1p13.3-p13.1
10	226531_at	FLJ14466	-3.36	1.75E-09	1.45E-06	-1.43	-8.88	12q24.31
11	217963_s_at	NGFRAP1	-15.18	3.08E-10	6.24E-07	-1.37	-8.60	Xq22.1
12	209804_at	DCLRE1A	-4.79	2.16E-10	5.38E-07	-1.33	-8.51	10q25.1
13	208010_s_at	PTPN22	-3.91	2.36E-10	5.38E-07	-1.33	-8.48	1p13.3-p13.1
14	212160_at	XPOT	-2.05	3.46E-10	6.32E-07	-1.32	-8.41	12
15	203949_at	MPO	-12.24	7.33E-10	9.55E-07	-1.33	-8.32	17q23.1
16	230263_s_at		-6.25	4.09E-10	6.78E-07	-1.29	-8.28	
17	218472_s_at	PELO	-4.54	4.60E-10	6.99E-07	-1.29	-8.26	5q11.2
18	227904_at	FLJ21939	-3.49	5.37E-10	7.53E-07	-1.29	-8.23	3p23
19	203678_at	KIAA1018	-2.10	1.07E-09	1.30E-06	-1.28	-8.13	15q13.1
20	232744_x_at		-3.09	1.14E-09	1.30E-06	-1.24	-7.94	
21	204852_s_at	PTPN7	-2.43	5.70E-09	3.16E-06	-1.26	-7.92	1q32.1
22	244552_at		-3.58	1.63E-09	1.45E-06	-1.24	-7.90	
23	230206_at		-11.27	1.36E-09	1.38E-06	-1.23	-7.88	
24	203208_s_at	CHPPR	-2.82	1.18E-08	5.02E-06	-1.26	-7.87	8q12.1
25	211950_at	RBAF600	-2.36	1.47E-09	1.41E-06	-1.23	-7.87	1p36.13
26	213134_x_at	BTG3	-4.33	5.01E-09	3.04E-06	-1.24	-7.82	21q21.1-q21.2
27	220773_s_at	GPHN	-7.95	1.70E-09	1.45E-06	-1.22	-7.82	14q23.3
28	218341_at	FLJ11838	-2.40	1.44E-08	5.64E-06	-1.25	-7.78	1p34.1
29	203282_at	GBE1	-3.44	4.52E-09	2.84E-06	-1.22	-7.75	3p12.3
30	212629_s_at	PRKCL2	-3.29	2.13E-09	1.62E-06	-1.21	-7.75	1p22.2
31	210462_at	BLZF1	-6.71	3.78E-09	2.52E-06	-1.23	-7.72	1q24
32	205036_at	LSM6	-2.09	3.41E-09	2.39E-06	-1.21	-7.70	4q31.21
33	206175_x_at	ZNF222	-5.70	2.98E-09	2.18E-06	-1.20	-7.65	19q13.2
34	211998_at	H3F3B	2.07	1.48E-07	2.18E-05	1.27	7.65	17q25
35	204328_at	EVER1	-2.47	1.03E-07	1.79E-05	-1.26	-7.64	17q25.3
36	205548_s_at	BTG3	-4.17	3.43E-08	8.91E-06	-1.23	-7.63	21q21.1-q21.2
37	209340_at	UAP1	-2.62	3.66E-08	9.28E-06	-1.23	-7.63	1q23.1
38	204351_at	S100P	-9.16	5.23E-09	3.08E-06	-1.22	-7.62	4p16
39	204064_at	THOC1	-2.44	1.00E-07	1.76E-05	-1.25	-7.61	18p11.32
40	206550_s_at	NUP155	-2.22	5.86E-09	3.16E-06	-1.19	-7.58	5p13.1
41	236539_at	PTPN22	-5.06	3.87E-09	2.52E-06	-1.18	-7.55	1p13.3-p13.1
42	217975_at	LOC51186	-9.44	7.49E-09	3.69E-06	-1.21	-7.53	Xq22.1
43	201263_at	TARS	-2.25	6.31E-08	1.39E-05	-1.22	-7.50	5p13.2
44	200984_s_at	CD59	-3.17	1.22E-08	5.05E-06	-1.18	-7.47	11p13
45	220926_s_at	C1orf22	-5.15	9.92E-09	4.76E-06	-1.20	-7.46	1q24-q25

Table 2

46 227334_at	FLJ37318	-2.66	1.55E-08	5.64E-06	-1.18	-7.45	10q22.2
47 202200_s_at	SRPK1	-2.92	5.89E-09	3.16E-06	-1.16	-7.42	6p21.3-p21.2
48 209523_at	TAF2	-2.16	2.09E-08	6.57E-06	-1.18	-7.42	8q24.12
49 218114_at	GGA1	-1.94	1.98E-08	6.44E-06	-1.17	-7.38	22q13.31
50 221848_at	KIAA1847	-4.86	1.08E-08	4.84E-06	-1.18	-7.37	20q13.3

2.21 AML_+13 versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203955_at	KIAA0649	-10.26	1.77E-18	1.68E-15	-1.37	-15.88	9q34.3
2	233255_s_at	BIVM	-19.10	1.89E-31	5.75E-27	-1.17	-14.99	13q32-q33.1
3	224839_s_at	GPT2	-11.20	6.76E-30	1.03E-25	-1.13	-14.45	16q12.1
4	203949_at	MPO	-11.09	1.50E-26	1.52E-22	-1.08	-13.67	17q23.1
5	217963_s_at	NGFRAP1	-10.46	7.48E-21	1.08E-17	-1.12	-13.60	Xq22.1
6	212688_at	PIK3CB	-3.07	2.35E-17	1.88E-14	-1.11	-13.10	3q22.3
7	209267_s_at	BIGM103	-3.47	4.22E-16	2.79E-13	-1.12	-13.01	4q22-q24
8	226141_at		-5.75	3.27E-26	2.48E-22	-1.01	-12.96	
9	220416_at	KIAA1939	-6.47	3.58E-20	4.54E-17	-1.06	-12.92	15q15.3
10	220773_s_at	GPHN	-6.84	1.28E-11	3.03E-09	-1.21	-12.85	14q23.3
11	209739_s_at	DXS1283E	-6.10	5.24E-26	3.18E-22	-1.00	-12.85	Xp22.3
12	213110_s_at	COL4A5	-11.80	9.51E-26	4.82E-22	-0.99	-12.72	Xq22
13	238021_s_at		-11.01	3.02E-24	1.31E-20	-1.00	-12.66	
14	213844_at	HOXA5	-7.77	8.51E-14	3.60E-11	-1.12	-12.59	7p15-p14
15	227001_at		-3.67	4.89E-12	1.32E-09	-1.14	-12.38	
16	205107_s_at	EFNA4	-4.28	8.27E-18	6.98E-15	-1.01	-12.13	1q21-q22
17	230206_at		-9.35	2.62E-11	5.58E-09	-1.13	-12.05	
18	217975_at	LOC51186	-5.82	7.47E-17	5.28E-14	-1.01	-12.00	Xq22.1
19	219078_at	FLJ10252	-2.62	2.38E-10	3.88E-08	-1.15	-11.97	1q41
20	226763_at	DKFZp434O0515	-4.38	6.69E-11	1.27E-08	-1.13	-11.97	2q31.3
21	238022_at		-9.47	1.62E-22	4.48E-19	-0.94	-11.92	
22	242476_at		-3.07	6.33E-14	2.83E-11	-1.04	-11.91	
23	238784_at	FLJ32949	-8.15	7.99E-23	2.43E-19	-0.93	-11.84	12q14.1
24	216920_s_at	TRGV9	-5.12	3.74E-15	2.14E-12	-1.01	-11.84	7p15
25	203948_s_at	MPO	-15.41	1.95E-23	7.42E-20	-0.92	-11.82	17q23.1
26	212173_at	AK2	-3.51	9.14E-13	2.90E-10	-1.05	-11.78	1p34
27	242269_at	DKFZp761G0122	-3.56	2.61E-23	8.83E-20	-0.92	-11.72	1p36.32
28	219479_at	KDELC1	-15.39	3.59E-22	8.39E-19	-0.91	-11.63	13q33
29	223703_at	CDA017	-4.32	9.39E-11	1.70E-08	-1.09	-11.56	10q23.1
30	208626_s_at	VAT1	-2.58	3.78E-13	1.37E-10	-1.01	-11.51	17q21
31	204082_at	PBX3	-3.02	1.12E-19	1.31E-16	-0.92	-11.44	9q33-q34
32	200923_at	LGALS3BP	-8.68	3.30E-22	8.36E-19	-0.89	-11.35	17q25
33	215806_x_at	TRGC2	-5.22	4.05E-13	1.43E-10	-1.00	-11.34	7p15
34	222668_at	MGC2628	-6.79	1.12E-14	5.78E-12	-0.97	-11.33	19q13.11
35	206480_at	LTC4S	-7.79	7.28E-22	1.58E-18	-0.89	-11.32	5q35
36	205653_at	CTSG	-10.96	3.73E-21	5.67E-18	-0.89	-11.31	14q11.2
37	222664_at	MGC2628	-5.14	5.37E-11	1.06E-08	-1.05	-11.29	19q13.11
38	219869_s_at	BIGM103	-3.16	2.26E-11	5.01E-09	-1.03	-11.26	4q22-q24

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
39 239598_s_at	FLJ20481	-4.51	6.30E-11	1.21E-08	-1.04	-11.22	16q12.1
40 232424_at	PRDM16	-25.39	9.57E-22	1.94E-18	-0.88	-11.18	1p36.23-p33
41 239091_at		-4.28	1.09E-21	2.08E-18	-0.87	-11.14	
42 236738_at		-45.68	1.37E-21	2.46E-18	-0.87	-11.11	
43 235391_at	LOC137392	-5.33	3.59E-21	5.67E-18	-0.87	-11.10	8q21.3
44 235438_at		-41.83	1.92E-21	3.24E-18	-0.87	-11.07	
45 242426_at	LOC145957	-9.51	1.07E-20	1.48E-17	-0.87	-11.05	15q23
46 209619_at	CD74	1.67	1.32E-09	1.78E-07	1.06	10.98	5q32
47 239791_at		-4.09	1.24E-20	1.64E-17	-0.86	-10.97	
48 229838_at	NUCB2	-2.58	2.40E-11	5.25E-09	-0.99	-10.95	11p15.1-p14
49 218801_at	UGCGL2	-4.77	2.87E-13	1.08E-10	-0.92	-10.71	13q32.1
50 218007_s_at	RPS27L	-2.30	1.06E-08	1.10E-06	-1.08	-10.70	15q21.3

2.22 AML_+13 versus AML_t(15;17)

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 203949_at	MPO	-30.39	2.06E-19	5.48E-15	-6.00	-30.27	17q23.1
2 203948_s_at	MPO	-64.98	7.49E-17	9.95E-13	-5.50	-26.38	17q23.1
3 209619_at	CD74	6.42	5.51E-15	3.66E-11	4.14	21.04	5q32
4 212953_x_at	CALR	-5.35	5.41E-15	3.66E-11	-3.41	-17.49	19p13.3-p13.2
5 206871_at	ELA2	-13.81	9.41E-15	5.00E-11	-3.39	-17.48	19p13.3
6 38487_at	STAB1	-15.23	2.93E-13	9.72E-10	-3.20	-15.93	3p21.31
7 204670_x_at	HLA-DRB5	8.34	2.32E-08	8.32E-06	3.55	15.89	6p21.3
8 214450_at	CTSW	-11.30	6.15E-14	2.72E-10	-3.08	-15.77	11q13.1
9 214575_s_at	AZU1	-28.78	2.83E-13	9.72E-10	-3.08	-15.48	19p13.3
10 238022_at		-21.32	1.79E-12	4.33E-09	-3.06	-14.98	
11 205382_s_at	DF	-9.47	1.65E-12	4.33E-09	-2.84	-14.56	19p13.3
12 205624_at	CPA3	-13.72	3.68E-12	7.53E-09	-2.67	-13.47	3q21-q25
13 219869_s_at	BIGM103	-5.60	1.62E-12	4.33E-09	-2.58	-13.29	4q22-q24
14 224839_s_at	GPT2	-30.28	4.52E-11	7.07E-08	-2.77	-13.08	16q12.1
15 233072_at	KIAA1857	-26.11	4.14E-11	6.88E-08	-2.71	-12.97	9q34
16 231736_x_at	MGST1	-5.53	9.93E-11	1.32E-07	-2.49	-12.60	12p12.3-p12.1
17 210788_s_at	retSDR4	-3.16	3.65E-12	7.53E-09	-2.42	-12.52	14q22.3
18 224918_x_at	MGST1	-4.80	1.77E-09	1.24E-06	-2.51	-12.36	12p12.3-p12.1
19 214797_s_at	PCTK3	7.37	4.58E-06	3.58E-04	3.11	12.06	1q31-q32
20 208806_at		3.09	6.92E-11	9.68E-08	2.31	11.86	
21 208852_s_at	CANX	-3.50	1.42E-11	2.69E-08	-2.28	-11.84	5q35
22 201596_x_at	KRT18	-31.80	2.96E-10	3.14E-07	-2.53	-11.80	12q13
23 203675_at	NUCB2	-4.25	1.76E-11	3.12E-08	-2.22	-11.51	11p15.1-p14
24 200654_at	P4HB	-3.08	7.91E-08	1.95E-05	-2.42	-11.40	17q25
25 204150_at	STAB1	-16.90	3.85E-10	3.93E-07	-2.36	-11.38	3p21.31
26 220798_x_at	FLJ11535	-6.48	4.85E-11	7.16E-08	-2.14	-11.11	19p13.3
27 225547_at		1.80	2.54E-09	1.57E-06	2.21	11.08	
28 229168_at	DKFZp434K0621	-6.55	1.38E-10	1.65E-07	-2.11	-10.81	5q35.3
29 200986_at	SERPING1	-14.98	8.69E-10	6.87E-07	-2.23	-10.80	11q12-q13.1
30 209312_x_at	HLA-DRB1	9.37	1.51E-05	7.85E-04	2.84	10.63	6p21.3
31 200953_s_at	CCND2	-3.22	1.46E-10	1.65E-07	-2.04	-10.55	12p13

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
32	219431_at	FLJ20896	-3.22	1.13E-10	1.43E-07	-2.03	-10.53	4q31.21
33	221004_s_at	ITM2C	-2.62	1.49E-10	1.65E-07	-2.00	-10.41	2q37
34	210140_at	CST7	-10.18	7.25E-10	6.22E-07	-2.06	-10.35	20p11.21
35	230075_at	RAB39B	5.83	1.04E-05	6.07E-04	2.58	10.29	
36	207375_s_at	IL15RA	5.53	1.00E-05	5.94E-04	2.57	10.27	10p15-p14
37	210338_s_at	HSPA8	-6.33	9.59E-10	7.27E-07	-1.99	-10.08	11q24.1
38	220773_s_at	GPHN	-10.91	7.04E-10	6.22E-07	-1.98	-10.07	14q23.3
39	238021_s_at		-14.17	1.87E-09	1.27E-06	-2.03	-10.06	
40	217853_at	TEM6	6.88	2.28E-05	1.04E-03	2.70	10.04	7p15.1
41	225532_at	LOC91768	-5.21	8.11E-10	6.73E-07	-1.97	-10.03	18q11.1
42	204918_s_at	MLLT3	4.34	1.85E-05	9.00E-04	2.57	9.92	9p22
43	205653_at	CTSG	-24.10	4.58E-09	2.43E-06	-2.06	-9.87	14q11.2
44	200656_s_at	P4HB	-5.76	5.25E-10	5.14E-07	-1.91	-9.86	17q25
45	220987_s_at	SNARK	4.20	1.25E-05	6.86E-04	2.44	9.84	1q32.1
46	214763_at	THEA	-7.04	3.35E-09	1.90E-06	-2.00	-9.82	1p32.2
47	214315_x_at	CALR	-2.89	5.42E-10	5.14E-07	-1.89	-9.81	19p13.3-p13.2
48	219837_s_at	C17	-184.51	7.78E-09	3.57E-06	-2.15	-9.75	4p16-p15
49	200951_s_at	CCND2	-5.09	6.78E-10	6.21E-07	-1.88	-9.73	12p13
50	210254_at	MS4A3	-12.38	3.00E-09	1.74E-06	-1.93	-9.65	11q12

2.23 AML_+13 versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203949_at	MPO	-27.89	5.16E-18	1.64E-13	-3.88	-21.18	17q23.1
2	203948_s_at	MPO	-47.50	2.60E-14	4.13E-10	-2.98	-15.68	17q23.1
3	222668_at	MGC2628	-11.24	3.42E-12	3.62E-08	-2.04	-11.44	19q13.11
4	217868_s_at	DREV1	2.39	1.45E-06	4.13E-04	2.40	10.99	16p13-p12
5	228827_at		-131.93	4.30E-10	1.95E-06	-2.00	-10.07	
6	228058_at	LOC124220	-6.54	6.47E-11	4.38E-07	-1.77	-9.98	16p13.3
7	219869_s_at	BIGM103	-3.02	9.08E-10	3.61E-06	-1.80	-9.91	4q22-q24
8	206871_at	ELA2	-11.69	6.90E-11	4.38E-07	-1.75	-9.85	19p13.3
9	211998_at	H3F3B	2.18	7.97E-07	2.78E-04	2.00	9.77	17q25
10	211728_s_at	HYAL3	-7.57	1.75E-10	9.27E-07	-1.68	-9.46	3p21.3
11	205529_s_at	CBFA2T1	-23.42	1.29E-09	3.77E-06	-1.80	-9.42	8q22
12	206940_s_at	POU4F1	-35.03	1.54E-09	3.77E-06	-1.84	-9.41	13q21.1-q22
13	217853_at	TEM6	5.69	1.31E-05	1.90E-03	2.14	9.28	7p15.1
14	204604_at	PFTK1	-3.01	3.06E-09	5.41E-06	-1.68	-9.27	7q21-q22
15	229406_at		-14.24	1.37E-09	3.77E-06	-1.72	-9.23	
16	219078_at	FLJ10252	-2.51	2.13E-09	4.84E-06	-1.59	-8.89	1q41
17	233072_at	KIAA1857	-12.15	2.61E-09	4.89E-06	-1.62	-8.83	9q34
18	222664_at	MGC2628	-8.57	1.45E-09	3.77E-06	-1.59	-8.83	19q13.11
19	219185_at	SIRT5	-2.76	1.57E-08	1.66E-05	-1.59	-8.73	6p23
20	210150_s_at	LAMA5	-4.86	1.54E-09	3.77E-06	-1.56	-8.72	20q13.2-q13.3
21	208091_s_at	DKFZP564K0822	7.35	7.53E-05	5.72E-03	2.31	8.59	7p14.1
22	208806_at		2.06	6.07E-09	8.76E-06	1.54	8.57	
23	211341_at	POU4F1	-158.55	1.01E-08	1.23E-05	-1.69	-8.52	13q21.1-q22
24	220987_s_at	SNARK	2.92	3.38E-05	3.42E-03	2.00	8.46	1q32.1

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
25	210874_s_at	FUS2	-5.10	2.47E-09	4.89E-06	-1.50	-8.45	3p21.3
26	222146_s_at	TCF4	5.57	5.53E-05	4.63E-03	2.11	8.45	18q21.1
27	205528_s_at	CBFA2T1	-37.84	1.21E-08	1.41E-05	-1.64	-8.42	8q22
28	203859_s_at	PALM	-6.21	2.59E-09	4.89E-06	-1.48	-8.36	19p13.3
29	37005_at	NBL1	-2.90	4.96E-09	7.89E-06	-1.48	-8.25	1p36.3-p36.2
30	204351_at	S100P	-9.78	9.49E-09	1.23E-05	-1.51	-8.24	4p16
31	230100_x_at	PAK1	2.31	1.63E-05	2.11E-03	1.80	8.24	11q13-q14
32	219256_s_at	FLJ20356	2.96	2.41E-05	2.73E-03	1.83	8.19	4p16.1
33	229848_at	ZNF10	-6.04	4.44E-09	7.42E-06	-1.44	-8.15	12q24.33
34	219837_s_at	C17	-28.27	1.79E-08	1.77E-05	-1.53	-8.14	4p16-p15
35	208855_s_at	STK24	2.45	1.18E-05	1.76E-03	1.72	8.11	13q31.2-q32.3
36	213241_at		4.54	2.32E-05	2.67E-03	1.79	8.09	
37	208626_s_at	VAT1	-3.97	1.24E-08	1.41E-05	-1.47	-8.08	17q21
38	210254_at	MS4A3	-7.01	5.47E-09	8.27E-06	-1.43	-8.08	11q12
39	239707_at	FLJ25217	-8.85	1.53E-08	1.66E-05	-1.48	-8.06	17p11.2
40	223467_at	RASD1	19.90	1.84E-04	1.01E-02	2.50	7.96	17p11.2
41	223703_at	CDA017	-4.24	8.84E-09	1.22E-05	-1.40	-7.92	10q23.1
42	207081_s_at	PIK4CA	1.82	5.31E-06	9.82E-04	1.60	7.90	22q11.21
43	214763_at	THEA	-5.67	2.48E-08	2.25E-05	-1.45	-7.86	1p32.2
44	209267_s_at	BIGM103	-2.88	9.68E-09	1.23E-05	-1.39	-7.85	4q22-q24
45	230263_s_at		-4.73	1.63E-08	1.67E-05	-1.38	-7.76	
46	218786_at		-3.02	2.27E-08	2.16E-05	-1.38	-7.76	
47	221902_at		-6.49	2.94E-08	2.39E-05	-1.41	-7.74	
48	204852_s_at	PTPN7	-2.39	2.68E-08	2.37E-05	-1.38	-7.73	1q32.1
49	218553_s_at	MGC2628	-2.26	1.26E-07	7.13E-05	-1.40	-7.67	19q13.11
50	227711_at	FLJ32942	-8.02	2.84E-08	2.38E-05	-1.38	-7.66	12q13.13

2.24 AML_+8 versus AML_-7

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	213893_x_at	PMS2L5	2.19	2.18E-07	7.33E-03	1.82	8.22	7q11-q22
2	208688_x_at	EIF3S9	1.91	6.94E-07	7.78E-03	1.68	7.59	7p22.3
3	214473_x_at	PMS2L9	1.70	6.59E-07	7.78E-03	1.64	7.46	7q11.23
4	214526_x_at	PMS2L8	1.85	1.19E-06	8.41E-03	1.58	7.16	7q22
5	205778_at	KLK7	5.83	8.08E-06	1.43E-02	1.68	7.07	19q13.33
6	238315_s_at	MGC45586	-3.19	1.70E-06	8.41E-03	-1.54	-7.01	19q13.12
7	225002_s_at	DKFZP566I1024	3.14	9.11E-06	1.53E-02	1.67	7.01	7q11.1
8	203462_x_at	EIF3S9	1.76	1.75E-06	8.41E-03	1.53	6.95	7p22.3
9	226336_at	PPIA	2.18	1.66E-06	8.41E-03	1.51	6.90	7p13-p11.2
10	203198_at	CDK9	-1.99	1.22E-05	1.67E-02	-1.58	-6.81	9q34.1
11	215667_x_at	PMS2L5	1.75	7.87E-06	1.43E-02	1.55	6.80	7q11-q22
12	237642_at		1.58	2.81E-06	1.05E-02	1.44	6.60	
13	201812_s_at	TOM7	1.67	2.60E-06	1.05E-02	1.44	6.59	7p15.3
14	213018_at	ODAG	2.00	3.87E-06	1.30E-02	1.40	6.42	7q21-q22
15	217485_x_at	PMS2L1	2.09	6.36E-06	1.34E-02	1.43	6.42	7q11-q22
16	205690_s_at	G10	1.84	4.38E-06	1.34E-02	1.39	6.37	7q22.1
17	223065_s_at	STARD3NL	2.27	5.37E-06	1.34E-02	1.40	6.36	7p14-p13

Table 2

18 226385_s_at	LOC115416	2.32	6.03E-06	1.34E-02	1.40	6.34 7p15.3
19 227651_at	NAC1	-1.52	4.99E-06	1.34E-02	-1.38	-6.33 19p13.12
20 220099_s_at	CGI-59	2.09	5.61E-06	1.34E-02	1.37	6.26 7q34
21 216843_x_at		1.92	1.29E-05	1.67E-02	1.41	6.24
22 213345_at	NFATC4	-3.72	1.82E-05	2.18E-02	-1.38	-6.14 14q11.2
23 212475_at	KIAA0241	2.91	7.56E-06	1.43E-02	1.34	6.12 7p15.3
24 213097_s_at	ZRF1	2.69	2.30E-05	2.67E-02	1.39	6.08 7q22-q32
25 218200_s_at	NDUFB2	2.19	1.26E-05	1.67E-02	1.35	6.08 7q34
26 213360_s_at	POM121	1.86	1.00E-05	1.60E-02	1.30	5.97 7q11.23
27 225437_s_at	MGC22916	1.47	1.08E-05	1.65E-02	1.30	5.96 7p22.3
28 224416_s_at	EG1	-2.05	4.44E-05	4.15E-02	-1.37	-5.93 4p16
29 220261_s_at	ZDHHC4	2.08	1.17E-05	1.67E-02	1.29	5.91 7p22.2
30 201327_s_at	CCT6A	2.06	3.51E-05	3.81E-02	1.32	5.80 7p11.1
31 234339_s_at	GLTSCR2	-2.07	1.55E-05	1.93E-02	-1.25	-5.75 19q13.3
32 214756_x_at	PMS2L8	1.95	2.45E-05	2.74E-02	1.28	5.74 7q22
33 218600_at	MGC10986	-2.54	3.88E-05	3.95E-02	-1.29	-5.72 17q24.1
34 208445_s_at	BAZ1B	4.90	5.52E-05	4.58E-02	1.32	5.68 7q11.23
35 AFFX-r2-Ec-bioC-3_at - HG-U133B		1.51	5.84E-05	4.67E-02	1.30	5.64
36 201973_s_at	CGI-43	1.71	3.64E-05	3.82E-02	1.23	5.53 7p22.2
37 226386_at	LOC115416	2.22	7.60E-05	5.79E-02	1.26	5.45 7p15.3
38 216525_x_at	PMS2L3	1.71	5.26E-05	4.53E-02	1.22	5.44 7q11-q22
39 222512_at	NYREN18	2.06	1.20E-04	6.51E-02	1.30	5.41 7q36
40 207401_at	PROX1	2.02	4.16E-05	4.00E-02	1.18	5.39 1q32.2-q32.3
41 212700_x_at	KIAA0356	-2.20	1.66E-04	7.26E-02	-1.25	-5.34 17q21.31
42 203630_s_at	COG5	2.21	4.02E-05	3.98E-02	1.16	5.32 7q31
43 209256_s_at	KIAA0265	3.55	1.16E-04	6.51E-02	1.22	5.28 7q32.2
44 203476_at	TPBG	-5.45	5.93E-04	1.29E-01	-1.46	-5.27 6q14-q15
45 238529_at		1.85	4.71E-05	4.28E-02	1.14	5.24
46 224281_s_at	NEUGRIN	-1.94	1.22E-04	6.51E-02	-1.18	-5.21 15q26.1
47 200076_s_at - HG-U133B	MGC2749	-1.60	5.08E-05	4.50E-02	-1.14	-5.21 19p13.11
48 233070_at		-4.41	1.92E-04	7.47E-02	-1.21	-5.19
49 212212_s_at	DKFZP586J0619	1.66	5.59E-05	4.58E-02	1.13	5.19 7p22.3
50 222823_at	C9orf12	1.55	1.13E-04	6.51E-02	1.18	5.19 9q21.33-q22.31

2.25 AML_+8 versus AML_5q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	228526_at		3.75	1.72E-07	5.94E-03	2.05	8.81	
2	208717_at	OXA1L	2.07	7.71E-07	1.33E-02	1.78	7.72	14q11.2
3	212062_at	ATP9A	-8.57	1.55E-04	1.54E-01	-1.97	-7.10	20q13.11-q13.2
4	222548_s_at	FLJ20373	-3.06	6.34E-05	1.28E-01	-1.80	-7.02	2q11.2
5	202259_s_at	CG005	-2.10	2.91E-06	3.36E-02	-1.60	-6.97	13q12-q13
6	222270_at	KIAA1387	-2.75	4.03E-04	1.96E-01	-1.91	-6.48	2p16.1
7	201811_x_at	SH3BP5	-3.69	1.56E-04	1.54E-01	-1.65	-6.36	3p24.3
8	213228_at	PDE8B	-1.77	8.39E-06	7.25E-02	-1.46	-6.34	5q13.2
9	202843_at	DNAJB9	-2.58	2.07E-05	1.11E-01	-1.48	-6.30	7q31
10	218132_s_at	LENG5	-1.63	1.09E-05	7.51E-02	-1.42	-6.17	19q13.4

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
11	214000_s_at	RGS10	-2.34	2.87E-05	1.11E-01	-1.45	-6.14	10q25
12	242957_at	FLJ32009	-3.17	7.76E-05	1.28E-01	-1.49	-6.09	11q12.2
13	204567_s_at	ABCG1	-3.10	2.41E-04	1.77E-01	-1.60	-6.09	21q22.3
14	223556_at	HELLS	-2.21	7.94E-05	1.28E-01	-1.47	-6.03	10q24.2
15	205849_s_at	UQCRB	1.55	4.15E-05	1.20E-01	1.38	5.89	8q22
16	200936_at	RPL8	1.91	2.90E-05	1.11E-01	1.37	5.89	8q24.3
17	218552_at	FLJ10948	2.14	2.63E-05	1.11E-01	1.36	5.86	1p32.3
18	234998_at		-1.98	7.72E-05	1.28E-01	-1.40	-5.84	
19	204367_at	SP2	-2.13	3.45E-04	1.92E-01	-1.49	-5.72	17q21.32
20	225621_at	FLJ14511	-2.17	5.75E-05	1.28E-01	-1.34	-5.71	9q22.33
21	224899_s_at	DKFZp564K142	-1.80	3.82E-05	1.20E-01	-1.32	-5.70	Xq13.1-q13.2
22	215884_s_at	UBQLN2	-1.90	1.26E-04	1.50E-01	-1.37	-5.66	Xp11.23-p11.1
23	220988_s_at	C1QTNF3	-1.62	3.52E-05	1.20E-01	-1.30	-5.63	5p13-p12
24	213951_s_at	HUMGT198A	-2.31	9.09E-05	1.28E-01	-1.31	-5.54	17q12-q21
25	208243_s_at	CNR1	-2.09	2.19E-04	1.72E-01	-1.37	-5.54	6q14-q15
26	226838_at		-2.09	5.07E-05	1.28E-01	-1.28	-5.54	
27	210596_at	DKFZp564K142	-2.74	5.54E-04	2.18E-01	-1.46	-5.51	Xq13.1-q13.2
28	216432_at		-2.56	3.33E-04	1.92E-01	-1.37	-5.43	
29	223304_at	DKFZp761N0624	-4.42	6.91E-04	2.20E-01	-1.47	-5.43	7q34
30	209705_at		-1.71	5.63E-05	1.28E-01	-1.24	-5.38	
31	211063_s_at	NCK1	-2.02	1.66E-04	1.56E-01	-1.29	-5.37	3q21
32	202113_s_at	SNX2	2.34	9.17E-05	1.28E-01	1.26	5.33	5q23
33	218277_s_at	FLJ22060	-1.97	5.42E-04	2.15E-01	-1.37	-5.30	17q23.2
34	224473_x_at	KIAA1813	-1.55	1.25E-04	1.50E-01	-1.24	-5.28	10q24
35	200764_s_at	CTNNA1	1.99	9.27E-05	1.28E-01	1.24	5.27	5q31
36	218902_at	NOTCH1	-3.04	1.16E-03	2.56E-01	-1.50	-5.26	9q34.3
37	222422_s_at	NDFIP1	2.22	7.58E-05	1.28E-01	1.22	5.26	5q31.3
38	222527_s_at	FLJ10290	2.25	6.83E-05	1.28E-01	1.20	5.23	5q33.1
39	206648_at	HSPC059	-2.52	1.03E-04	1.36E-01	-1.21	-5.23	19q13.12
40	200864_s_at	RAB11A	-1.82	4.84E-04	2.09E-01	-1.32	-5.22	15q21.3-q22.31
41	201938_at	CDK2AP1	-2.00	6.53E-04	2.20E-01	-1.35	-5.20	12q24.31
42	234148_at		4.39	1.30E-04	1.50E-01	1.24	5.20	
43	208608_s_at	SNTB1	3.64	1.67E-04	1.56E-01	1.24	5.15	8q23-q24
44	204010_s_at	KRAS2	-2.19	2.30E-04	1.75E-01	-1.23	-5.13	12p12.1
45	214500_at	H2AFY	3.68	9.03E-05	1.28E-01	1.17	5.10	5q31.3-q32
46	217963_s_at	NGFRAP1	-3.37	1.51E-04	1.54E-01	-1.19	-5.09	Xq22.1
47	207049_at	SCN8A	-1.65	2.33E-04	1.75E-01	-1.21	-5.09	12q13
48	213337_s_at	SOCS1	-2.37	4.86E-04	2.09E-01	-1.26	-5.07	16p13.13
49	225710_at		-1.94	3.93E-04	1.96E-01	-1.24	-5.06	
50	212287_at	JJAZ1	-1.84	8.32E-04	2.30E-01	-1.31	-5.03	17q11.2

2.26 AML_+8 versus AML_9q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	231949_at		1.90	9.59E-07	1.36E-02	1.62	7.34	
2	242326_at		1.90	1.38E-06	1.36E-02	1.59	7.20	
3	201548_s_at	PLU-1	-1.93	8.97E-07	1.36E-02	-1.55	-7.12	1q32.1

Table 2

4 239856_at		3.75	9.26E-06	2.03E-02	1.71	7.10
5 238743_at		1.79	3.54E-06	2.00E-02	1.53	6.84
6 235340_at	CAPN3	1.72	5.83E-06	2.00E-02	1.53	6.80 15q15.1-q21.1
7 226226_at	LOC120224	2.12	1.87E-06	1.38E-02	1.49	6.79 11q24.3
8 222125_s_at	PH-4	-1.76	5.54E-06	2.00E-02	-1.49	-6.68 3p21.31
9 53071_s_at	FLJ22222	-2.23	8.09E-06	2.00E-02	-1.44	-6.46 17q25.3
10 235297_at		1.58	4.06E-06	2.00E-02	1.39	6.38
11 235828_at	LOC153768	1.84	1.71E-05	2.19E-02	1.43	6.29 5q32
12 201938_at	CDK2AP1	-1.71	6.97E-06	2.00E-02	-1.35	-6.19 12q24.31
13 237541_at		2.59	6.68E-06	2.00E-02	1.34	6.15
14 230724_s_at	FLJ10726	1.59	1.03E-05	2.05E-02	1.36	6.13 11q23.2
15 239641_at		1.74	1.24E-05	2.13E-02	1.36	6.12
16 232932_at		1.62	9.57E-06	2.03E-02	1.34	6.10
17 234272_at		2.17	8.07E-06	2.00E-02	1.33	6.07
18 218438_s_at	EG1	-1.80	3.77E-05	2.73E-02	-1.37	-5.97 4p16
19 206851_at	RNASE3	-3.81	1.77E-05	2.19E-02	-1.31	-5.92 14q24-q31
20 242455_at	POU3F2	1.70	1.19E-05	2.13E-02	1.29	5.91 6q16
21 226258_at	LOC196394	2.94	1.59E-05	2.19E-02	1.28	5.83 12p11.21
22 233965_at	LOC255480	2.42	1.35E-05	2.13E-02	1.27	5.81 12q24.21
23 234250_at		2.49	1.36E-05	2.13E-02	1.27	5.81
24 241263_at		2.29	1.64E-05	2.19E-02	1.27	5.78
25 227764_at	LOC130574	1.53	2.28E-05	2.51E-02	1.29	5.78 2q23.3
26 203314_at	PGPL	-1.91	3.44E-05	2.62E-02	-1.29	-5.76 Xp22.33
27 244293_at		2.02	1.74E-05	2.19E-02	1.26	5.75
28 204481_at	BRPF1	-1.69	2.61E-05	2.62E-02	-1.27	-5.74 3p26-p25
29 241281_at		2.49	2.16E-05	2.51E-02	1.25	5.68
30 216504_s_at	BIGM103	-1.63	2.99E-05	2.62E-02	-1.26	-5.68 4q22-q24
31 240430_at		2.10	2.69E-05	2.62E-02	1.24	5.60
32 229301_at	FLJ20618	1.80	2.23E-05	2.51E-02	1.22	5.58 22q12.2
33 235016_at		3.02	2.86E-05	2.62E-02	1.22	5.53
34 231623_at	MGC13034	1.68	3.10E-05	2.62E-02	1.21	5.51 5q13.1
35 241131_at		1.96	2.72E-05	2.62E-02	1.20	5.49
36 222491_at	FLJ32731	1.81	5.85E-05	3.16E-02	1.23	5.48 8p11.1
37 202371_at	FLJ21174	-2.34	1.54E-04	3.43E-02	-1.30	-5.47 Xq22.1
38 239873_at		2.29	2.84E-05	2.62E-02	1.19	5.47
39 233657_at		2.00	4.05E-05	2.86E-02	1.21	5.46
40 231006_at	MGC44294	1.87	3.05E-05	2.62E-02	1.19	5.46 15q26.2
41 234956_at		1.50	3.27E-05	2.62E-02	1.19	5.45
42 208653_s_at	CD164	-2.14	3.19E-05	2.62E-02	-1.19	-5.44 6q21
43 228657_at	KIF1B	1.95	9.92E-05	3.37E-02	1.27	5.43 1p36.2
44 225992_at	MLLT10	-1.86	1.03E-04	3.37E-02	-1.25	-5.42 10p12
45 228797_at		1.71	3.53E-05	2.62E-02	1.19	5.42
46 203368_at	CRELD1	-1.63	1.95E-04	3.64E-02	-1.29	-5.40 3p25.3
47 234721_s_at	P450RAI-2	1.68	6.09E-05	3.16E-02	1.21	5.39 2p12
48 214271_x_at	RPL12	1.20	3.35E-05	2.62E-02	1.18	5.39 9q34
49 230116_at	LOC90133	1.68	7.30E-05	3.29E-02	1.22	5.37 3q26.1
50 234486_at	OR51B2	1.55	5.80E-05	3.16E-02	1.18	5.33 11p15

Table 2

2.27 AML_+8 versus AML_MLL

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203372_s_at	SOCS2	-8.36	8.11E-09	2.40E-04	-1.08	-7.19	12q
2	204082_at	PBX3	-2.66	2.78E-08	4.11E-04	-1.02	-6.80	9q33-q34
3	235753_at		-2.93	6.75E-08	6.66E-04	-1.00	-6.65	
4	244413_at	DCAL1	-5.22	9.47E-08	7.01E-04	-0.96	-6.42	12p13.2
5	215154_at		-2.55	2.90E-07	1.23E-03	-0.95	-6.26	
6	216554_s_at	ENO1	-1.54	2.46E-07	1.23E-03	-0.91	-6.12	1p36.3-p36.2
7	210184_at	ITGAX	-3.40	2.81E-07	1.23E-03	-0.92	-6.11	16p11.2
8	211012_s_at	PML	2.73	2.32E-05	1.96E-02	1.14	6.10	15q22
9	212250_at		1.53	2.69E-06	5.31E-03	0.96	6.02	
10	205612_at	MMRN	-10.20	7.87E-07	2.33E-03	-0.94	-5.98	4q22
11	206847_s_at	HOXA7	-2.48	8.42E-07	2.33E-03	-0.91	-5.97	7p15-p14
12	240929_at		1.63	9.21E-06	1.30E-02	0.99	5.91	
13	225102_at	LOC152009	-2.49	6.39E-07	2.33E-03	-0.87	-5.84	3q21.3
14	206062_at	GUCA1A	-2.23	8.67E-07	2.33E-03	-0.86	-5.78	6p21.1
15	203373_at	SOCS2	-5.44	1.63E-06	3.73E-03	-0.88	-5.77	12q
16	217816_s_at	PCNP	1.43	1.10E-05	1.42E-02	0.93	5.67	3q12.3
17	226676_at	EHZF	-3.90	1.64E-06	3.73E-03	-0.83	-5.56	18q11.1
18	200608_s_at	RAD21	1.56	2.90E-05	2.01E-02	0.94	5.51	8q24
19	201745_at	PTK9	1.73	2.11E-05	1.95E-02	0.92	5.50	12q12
20	212173_at	AK2	-2.79	2.07E-06	4.37E-03	-0.82	-5.50	1p34
21	235521_at	HOXA3	-4.10	3.27E-06	6.05E-03	-0.80	-5.35	7p15-p14
22	219889_at	FRAT1	-1.98	4.62E-06	7.60E-03	-0.81	-5.34	10q24.1
23	218048_at	BUP	-1.90	3.95E-06	6.88E-03	-0.80	-5.33	10pter-q22.1
24	201067_at	PSMC2	1.52	1.68E-05	1.83E-02	0.85	5.32	7q22.1-q22.3
25	236349_at		1.48	2.19E-05	1.96E-02	0.84	5.22	
26	236293_at		2.24	6.38E-05	3.00E-02	0.91	5.22	
27	231967_at	CGI-72	1.74	6.68E-05	3.09E-02	0.91	5.21	8q24.3
28	215498_s_at	MAP2K3	1.90	3.49E-05	2.15E-02	0.86	5.20	17q11.2
29	228528_at		1.83	5.12E-05	2.61E-02	0.88	5.18	
30	225775_at		2.92	1.42E-04	4.06E-02	0.99	5.18	
31	214500_at	H2AFY	-2.68	7.41E-06	1.15E-02	-0.78	-5.16	5q31.3-q32
32	226775_at	DC6	1.42	1.46E-05	1.73E-02	0.79	5.12	8q23.2
33	225516_at		1.59	3.98E-05	2.26E-02	0.83	5.10	
34	221934_s_at	FLJ10496	-1.63	7.80E-06	1.15E-02	-0.76	-5.10	3p21.31
35	223628_at	DKFZp434N035	-3.25	1.11E-05	1.42E-02	-0.78	-5.07	22q11.21
36	225625_at	ANXA2	-2.04	1.73E-05	1.83E-02	-0.78	-5.06	15q21-q22
37	229056_at	LOC90313	2.07	3.77E-05	2.26E-02	0.81	5.03	17q11.1
38	218823_s_at	FLJ20038	2.01	2.32E-04	5.11E-02	1.00	5.01	8p21.1
39	202823_at	TCEB1	2.03	1.15E-04	3.71E-02	0.88	5.00	8q13.3
40	236858_s_at	RUNX2	-10.06	1.97E-05	1.90E-02	-0.84	-4.99	6p21
41	205472_s_at	DACH	-3.06	1.24E-05	1.53E-02	-0.74	-4.94	13q22
42	235471_at		1.50	2.97E-05	2.01E-02	0.77	4.92	
43	236555_at		1.29	1.80E-05	1.84E-02	0.73	4.88	
44	220793_at	SAGE	-8.52	2.30E-05	1.96E-02	-0.77	-4.88	Xq28

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
45	226677_at	EHZF	-4.00	1.64E-05	1.83E-02	-0.73	-4.87	18q11.1
46	217259_at		4.54	3.43E-04	5.84E-02	1.01	4.86	
47	216856_s_at	DLEU2	-3.72	1.99E-05	1.90E-02	-0.73	-4.83	13q14.3
48	212479_s_at	FLJ13910	1.65	4.32E-05	2.32E-02	0.75	4.82	2p11.1
49	203007_x_at	LYPLA1	1.49	1.07E-04	3.63E-02	0.81	4.82	8q11.23
50	218172_s_at	PRO2577	1.67	1.43E-04	4.06E-02	0.83	4.81	8q24.13

2.28 AML_+8 versus AML_inv(16)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	209365_s_at	ECM1	-4.38	1.18E-12	3.67E-08	-2.01	-11.80	1q21
2	201497_x_at	MYH11	-32.51	4.17E-11	4.34E-07	-2.18	-11.28	16p13.13-p13.12
3	34210_at	CDW52	-4.20	3.31E-11	4.34E-07	-1.56	-9.49	1p36
4	204661_at	CDW52	-3.82	1.06E-10	6.63E-07	-1.51	-9.17	1p36
5	202746_at	ITM2A	-5.83	1.01E-10	6.63E-07	-1.50	-9.14	Xq13.3-Xq21.2
6	220591_s_at	FLJ22843	-3.37	4.09E-10	1.63E-06	-1.51	-8.99	Xp11.3
7	227567_at		3.38	4.47E-08	7.34E-05	1.62	8.88	
8	202747_s_at	ITM2A	-5.41	3.14E-10	1.63E-06	-1.45	-8.77	Xq13.3-Xq21.2
9	205330_at	MN1	-9.14	3.91E-09	1.02E-05	-1.57	-8.71	22q12.1
10	203329_at	PTPRM	-7.47	2.27E-09	6.44E-06	-1.50	-8.64	18p11.2
11	201496_x_at	MYH11	-5.69	4.18E-10	1.63E-06	-1.41	-8.56	16p13.13-p13.12
12	200951_s_at	CCND2	-3.38	6.62E-10	2.29E-06	-1.38	-8.41	12p13
13	201005_at	CD9	-5.50	1.88E-09	5.87E-06	-1.36	-8.18	12p13.3
14	212358_at	CLIPR-59	-18.62	2.53E-08	4.64E-05	-1.56	-8.08	19q13.12
15	202283_at	SERPINF1	-6.75	4.88E-09	1.17E-05	-1.34	-7.99	17p13.1
16	201029_s_at	CD99	-1.76	5.31E-07	5.49E-04	-1.47	-7.83	Xp22.32
17	207961_x_at	MYH11	-16.06	4.47E-08	7.34E-05	-1.51	-7.82	16p13.13-p13.12
18	201739_at	SGK	-3.77	7.62E-09	1.70E-05	-1.30	-7.82	6q23
19	202499_s_at	SLC2A3	-2.87	8.91E-09	1.85E-05	-1.24	-7.51	12p13.3
20	241525_at	LOC200772	-33.67	1.03E-07	1.52E-04	-1.42	-7.44	2q37.3
21	231310_at		-4.09	2.11E-07	2.74E-04	-1.31	-7.44	
22	229215_at	ASCL2	7.12	1.02E-05	3.21E-03	1.61	7.21	11p15.5
23	202016_at	MEST	-3.49	2.53E-08	4.64E-05	-1.18	-7.14	7q32
24	223385_at	CYP2S1	-2.09	7.52E-08	1.17E-04	-1.14	-6.87	19q13.1
25	200953_s_at	CCND2	-2.36	5.28E-07	5.49E-04	-1.18	-6.81	12p13
26	202340_x_at	NR4A1	-3.96	1.07E-07	1.52E-04	-1.12	-6.76	12q13
27	208033_s_at	ATBF1	-3.43	1.34E-07	1.82E-04	-1.10	-6.68	16q22.3-q23.1
28	241706_at	LOC144402	5.86	2.08E-05	5.40E-03	1.47	6.65	12q11
29	225055_at	DKFZp667M2411	3.32	9.33E-06	3.06E-03	1.29	6.58	17q11.2
30	225547_at		1.39	7.80E-06	2.85E-03	1.24	6.49	
31	201067_at	PSMC2	1.61	4.60E-06	1.99E-03	1.19	6.48	7q22.1-q22.3
32	223769_x_at	HT036	1.69	3.55E-06	1.65E-03	1.16	6.43	1p34.1
33	225868_at	TRIM47	-5.55	7.11E-07	6.52E-04	-1.12	-6.41	
34	223593_at	KATII	-2.91	2.77E-07	3.46E-04	-1.04	-6.34	4q33
35	201324_at	EMP1	-5.36	4.55E-07	5.25E-04	-1.06	-6.34	12p12.3
36	201432_at	CAT	2.05	1.36E-05	4.11E-03	1.22	6.29	11p13
37	226282_at		-18.56	1.47E-06	9.87E-04	-1.15	-6.27	

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
38	219371_s_at	KLF2	-2.73	4.12E-07	4.94E-04	-1.02	-6.22	19p13.13-p13.11
39	208891_at	DUSP6	-2.15	6.94E-07	6.52E-04	-1.04	-6.22	12q22-q23
40	227486_at	NT5E	-5.05	5.46E-07	5.49E-04	-1.03	-6.20	6q14-q21
41	207216_at	TNFSF8	-2.49	5.40E-07	5.49E-04	-1.01	-6.13	9q33
42	222333_at	FLJ36525	-1.58	1.17E-06	8.81E-04	-1.03	-6.12	3p21.31
43	226120_at	TTC8	2.20	8.79E-06	2.95E-03	1.12	6.10	14q31.3
44	206956_at	BGLAP	-2.87	9.56E-07	8.05E-04	-1.02	-6.09	1q25-q31
45	212771_at	LOC221061	-3.88	5.86E-07	5.71E-04	-1.00	-6.09	10p13
46	203939_at	NT5E	-13.73	2.46E-06	1.36E-03	-1.13	-6.08	6q14-q21
47	216554_s_at	ENO1	-1.66	1.04E-06	8.35E-04	-1.02	-6.05	1p36.3-p36.2
48	223144_s_at	FLJ10342	-1.99	8.84E-07	7.65E-04	-1.00	-6.02	6q15
49	216241_s_at	TCEA1	1.61	1.97E-05	5.20E-03	1.15	6.01	3p22-p21.3
50	210139_s_at	PMP22	-3.96	8.76E-07	7.65E-04	-0.99	-6.00	17p12-p11.2

2.29 AML_+8 versus AML_inv(3)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	231903_x_at	KIAA1501	-3.39	3.76E-08	1.09E-03	-1.51	-8.00	17q21.1
2	206478_at	KIAA0125	-6.75	3.45E-06	1.45E-02	-1.32	-6.48	14q32.33
3	220261_s_at	ZDHHC4	2.05	6.07E-06	1.45E-02	1.23	6.29	7p22.2
4	201829_at	NET1	-2.30	1.65E-06	1.45E-02	-1.15	-6.19	10p15
5	203462_x_at	EIF3S9	1.71	2.81E-06	1.45E-02	1.12	6.02	7p22.3
6	230896_at		-6.40	4.89E-06	1.45E-02	-1.15	-6.01	
7	204082_at	PBX3	3.23	2.78E-05	1.77E-02	1.25	6.00	9q33-q34
8	226807_at	FLJ34243	-2.91	1.06E-05	1.45E-02	-1.15	-5.84	16q22.3
9	201811_x_at	SH3BP5	-4.06	9.15E-06	1.45E-02	-1.12	-5.80	3p24.3
10	206781_at	DNAJC4	-2.17	1.42E-05	1.45E-02	-1.12	-5.77	11q13
11	218552_at	FLJ10948	2.15	1.80E-05	1.45E-02	1.13	5.76	1p32.3
12	225591_at	FBXO25	2.42	1.86E-05	1.45E-02	1.13	5.76	8p23.3
13	207268_x_at	ABI-2	-1.55	3.94E-06	1.45E-02	-1.05	-5.73	2q33
14	202600_s_at	NRIP1	-3.58	1.70E-05	1.45E-02	-1.17	-5.72	21q11.2
15	206589_at	GFI1	3.09	1.17E-05	1.45E-02	1.08	5.70	1p22
16	200904_at	HLA-E	-2.24	5.98E-06	1.45E-02	-1.04	-5.65	6p21.3
17	213893_x_at	PMS2L5	1.70	8.89E-06	1.45E-02	1.05	5.63	7q11-q22
18	204530_s_at	TOX	-3.17	1.28E-05	1.45E-02	-1.07	-5.60	8q11.23
19	212250_at		1.51	8.36E-06	1.45E-02	1.04	5.59	
20	204247_s_at	CDK5	3.21	2.76E-05	1.77E-02	1.06	5.47	7q36
21	201830_s_at	NET1	-2.57	1.76E-05	1.45E-02	-1.05	-5.47	10p15
22	211916_s_at	MYO1A	-1.45	9.52E-06	1.45E-02	-1.00	-5.44	12q13-q15
23	220377_at	C14orf110	-6.39	1.77E-05	1.45E-02	-1.04	-5.43	14q32.33
24	203476_at	TPBG	-5.59	3.51E-05	1.98E-02	-1.13	-5.43	6q14-q15
25	217975_at	LOC51186	-4.11	1.61E-05	1.45E-02	-1.03	-5.43	Xq22.1
26	222494_at	C14orf116	-1.85	2.59E-05	1.74E-02	-1.06	-5.41	14q31.3
27	215346_at	TNFRSF5	-3.26	1.07E-05	1.45E-02	-0.99	-5.38	20q12-q13.2
28	217979_at	NET-6	-3.75	1.15E-05	1.45E-02	-0.99	-5.37	7p21.1
29	225567_at		-2.85	1.67E-05	1.45E-02	-1.01	-5.37	
30	205690_s_at	G10	1.64	1.24E-05	1.45E-02	0.98	5.36	7q22.1

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
31 212318_at	TRN-SR	2.31	1.30E-04	2.60E-02	1.17	5.34	7q32.2
32 227432_s_at	INSR	2.91	1.20E-04	2.58E-02	1.15	5.34	19p13.3-p13.2
33 224609_at	CTL2	-3.79	1.17E-05	1.45E-02	-0.98	-5.34	19p13.1
34 205514_at	FLJ11191	-2.43	1.70E-05	1.45E-02	-1.00	-5.33	19q13.41
35 221458_at	HTR1F	-2.02	1.70E-05	1.45E-02	-0.99	-5.32	3p12
36 232114_at	TRALPUSH	-3.23	1.26E-05	1.45E-02	-0.98	-5.32	3q25.1
37 202439_s_at	IDS	-1.95	1.65E-05	1.45E-02	-0.99	-5.32	Xq28
38 209354_at	TNFRSF14	-1.78	1.61E-05	1.45E-02	-0.99	-5.31	1p36.3-p36.2
39 219033_at	FLJ21308	3.15	1.42E-04	2.62E-02	1.17	5.30	5q11.1
40 211252_x_at	PTCRA	-1.57	1.75E-05	1.45E-02	-0.99	-5.30	6p21.3
41 208688_x_at	EIF3S9	1.64	1.56E-05	1.45E-02	0.97	5.29	7p22.3
42 202805_s_at	ABCC1	-2.17	1.77E-05	1.45E-02	-0.98	-5.28	16p13.1
43 217963_s_at	NGFRAP1	-3.41	1.38E-05	1.45E-02	-0.96	-5.28	Xq22.1
44 205376_at	INPP4B	-6.67	5.60E-05	2.05E-02	-1.10	-5.24	4q31.1
45 37384_at	PPM1F	-2.14	1.97E-05	1.50E-02	-0.97	-5.22	22q11.22
46 225611_at	KIAA0303	-3.19	2.12E-05	1.53E-02	-0.96	-5.19	5q12.3
47 201973_s_at	CGI-43	1.64	5.55E-05	2.05E-02	1.01	5.19	7p22.2
48 236117_at		-3.18	1.69E-05	1.45E-02	-0.95	-5.18	
49 205330_at	MN1	-7.17	6.62E-05	2.18E-02	-1.10	-5.18	22q12.1
50 210715_s_at	SPINT2	-2.60	2.30E-05	1.62E-02	-0.96	-5.17	19q13.1

2.30 AML_+8 versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	222229_x_at		1.53	6.44E-08	1.73E-04	1.33	8.12	
2	222902_s_at	FLJ21144	-1.96	9.33E-09	1.53E-04	-1.19	-7.78	1p34.1
3	208697_s_at	EIF3S6	1.35	4.75E-07	4.42E-04	1.20	7.24	8q22-q23
4	201548_s_at	PLU-1	-2.01	2.94E-08	1.73E-04	-1.08	-7.14	1q32.1
5	210715_s_at	SPINT2	-2.78	1.43E-08	1.53E-04	-1.04	-7.02	19q13.1
6	209188_x_at	DR1	-1.62	4.30E-08	1.73E-04	-0.99	-6.67	1p22.1
7	244741_s_at		-3.31	4.61E-08	1.73E-04	-0.98	-6.63	
8	209050_s_at	RALGDS	-2.35	8.00E-08	1.73E-04	-0.99	-6.57	9q34.3
9	205849_s_at	UQCRB	1.46	1.05E-06	6.07E-04	1.05	6.54	8q22
10	229900_at	CD109	-2.75	7.87E-08	1.73E-04	-0.97	-6.51	6q13
11	212692_s_at	LRBA	-2.72	7.15E-08	1.73E-04	-0.96	-6.48	4q31.22-q31.23
12	211743_s_at	PRG2	-15.09	1.78E-07	2.24E-04	-1.02	-6.47	11q12
13	207654_x_at	DR1	-1.58	8.07E-08	1.73E-04	-0.95	-6.43	1p22.1
14	244552_at		-2.71	1.01E-07	1.80E-04	-0.95	-6.40	
15	201830_s_at	NET1	-2.38	9.34E-08	1.80E-04	-0.94	-6.38	10p15
16	225653_at		-1.82	1.30E-07	1.95E-04	-0.95	-6.35	
17	226545_at		-3.71	1.31E-07	1.95E-04	-0.93	-6.29	
18	217979_at	NET-6	-4.49	1.44E-07	1.95E-04	-0.92	-6.25	7p21.1
19	239047_at		-2.12	1.46E-07	1.95E-04	-0.92	-6.25	
20	209911_x_at	HIST1H2BD	-2.51	2.85E-07	3.21E-04	-0.92	-6.13	6p21.3
21	239250_at	LOC147947	-2.50	2.26E-07	2.69E-04	-0.90	-6.12	19q13.43
22	203329_at	PTPRM	-8.45	6.14E-07	5.26E-04	-0.96	-6.08	18p11.2
23	220591_s_at	FLJ22843	-2.54	3.45E-07	3.69E-04	-0.90	-6.05	Xp11.3

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
24 208646_at	RPS14	2.04	4.60E-06	1.52E-03	0.98	6.02	5q31-q33
25 216652_s_at		-1.55	3.98E-07	4.06E-04	-0.88	-5.96	
26 214109_at	LRBA	-2.39	6.71E-07	5.32E-04	-0.91	-5.96	4q31.22-q31.23
27 203544_s_at	STAM	-2.40	4.71E-07	4.42E-04	-0.88	-5.93	10p14-p13
28 227847_at		-1.59	5.75E-07	5.13E-04	-0.86	-5.85	
29 216035_x_at	TCF7L2	-2.33	1.26E-06	6.91E-04	-0.88	-5.82	10q25.3
30 223991_s_at	GALNT2	-1.83	6.61E-07	5.32E-04	-0.86	-5.81	1q41-q42
31 224821_at	MGC15429	2.08	2.78E-05	3.10E-03	1.03	5.78	3p21.31
32 219870_at	FLJ12668	-2.65	7.65E-07	5.85E-04	-0.85	-5.76	16p13.2
33 205159_at	CSF2RB	-3.29	8.70E-07	5.87E-04	-0.85	-5.75	22q13.1
34 215071_s_at	HIST1H2AC	-3.16	8.36E-07	5.87E-04	-0.85	-5.73	6p21.3
35 201829_at	NET1	-2.11	8.61E-07	5.87E-04	-0.84	-5.73	10p15
36 223387_at	ZFYVE1	-1.70	8.79E-07	5.87E-04	-0.84	-5.72	14q22-q24
37 218340_s_at	FLJ10808	-1.79	9.04E-07	5.87E-04	-0.84	-5.71	4q13.2
38 202804_at	ABCC1	-2.17	9.83E-07	6.07E-04	-0.84	-5.70	16p13.1
39 234294_x_at	p66alpha	-1.58	3.46E-06	1.32E-03	-0.88	-5.69	19p13.11
40 202600_s_at	NRIP1	-2.27	1.04E-06	6.07E-04	-0.84	-5.68	21q11.2
41 226181_at	TUBE	-1.93	1.03E-06	6.07E-04	-0.84	-5.67	6q21
42 237364_at	KIAA1615	-3.35	1.11E-06	6.23E-04	-0.83	-5.65	19q13.13
43 202746_at	ITM2A	-3.79	2.07E-06	1.01E-03	-0.84	-5.59	Xq13.3-Xq21.2
44 210462_at	BLZF1	-3.49	1.62E-06	8.69E-04	-0.82	-5.55	1q24
45 218581_at	ABHD4	-1.81	1.78E-06	9.11E-04	-0.81	-5.51	14q11.1
46 244740_at		-4.45	1.79E-06	9.11E-04	-0.81	-5.51	
47 38269_at	PRKD2	-2.04	2.52E-06	1.13E-03	-0.82	-5.50	19q13.2
48 203346_s_at	M96	-1.87	1.96E-06	9.76E-04	-0.81	-5.49	1p22.1
49 208691_at	TFRC	-1.86	2.19E-06	1.02E-03	-0.80	-5.45	3q26.2-qter
50 201922_at	YR-29	1.55	2.35E-05	2.89E-03	0.90	5.45	5q13.2

2.31 AML_+8 versus AML_normal

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 200923_at	LGALS3BP	-6.90	1.90E-18	7.02E-14	-0.80	-10.22	17q25
2 213110_s_at	COL4A5	-4.54	1.75E-13	1.54E-09	-0.75	-9.08	Xq22
3 243579_at	MSI2	-4.57	2.07E-13	1.54E-09	-0.74	-9.02	17q23.1
4 206761_at	TACTILE	-7.41	1.26E-15	2.34E-11	-0.68	-8.84	3q13.13
5 225406_at	TWSG1	-2.15	6.51E-09	9.27E-06	-0.83	-8.48	18p11.3
6 212489_at	COL5A1	-4.14	3.44E-14	4.25E-10	-0.65	-8.38	9q34.2-q34.3
7 214436_at	FBXL2	-2.38	4.20E-12	1.94E-08	-0.69	-8.37	3p22.2
8 225238_at		-3.72	7.31E-12	3.01E-08	-0.69	-8.29	
9 211907_s_at	PARD6B	-2.75	5.32E-13	3.28E-09	-0.65	-8.21	20q13.13
10 235124_at		-1.81	4.12E-10	1.02E-06	-0.70	-8.02	
11 225889_at	MGC17922	-1.73	8.45E-09	1.12E-05	-0.74	-7.89	12p12.3
12 219553_at	NME7	-1.82	1.53E-11	5.16E-08	-0.64	-7.86	1q24
13 225240_s_at		-3.16	2.67E-09	4.50E-06	-0.70	-7.77	
14 235532_at		-5.21	1.26E-12	6.66E-09	-0.59	-7.68	
15 221286_s_at	PACAP	-6.72	1.27E-11	4.71E-08	-0.56	-7.28	5q23-5q31
16 215071_s_at	HIST1H2AC	-2.89	4.77E-09	7.36E-06	-0.63	-7.25	6p21.3

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
17	212259_s_at	HPIP	-3.49	5.26E-11	1.50E-07	-0.57	-7.24	1q21.3
18	243010_at	MSI2	-2.25	9.63E-10	2.10E-06	-0.60	-7.23	17q23.1
19	228907_at		-3.54	7.88E-11	2.08E-07	-0.56	-7.14	
20	231903_x_at	KIAA1501	-2.45	1.17E-09	2.41E-06	-0.59	-7.11	17q21.1
21	205910_s_at	CEL	-4.34	3.38E-11	1.04E-07	-0.54	-7.10	9q34.3
22	209014_at	MAGED1	-1.87	1.19E-08	1.42E-05	-0.62	-7.04	Xp11.23
23	216412_x_at	IGL	-2.78	8.84E-09	1.13E-05	-0.61	-7.00	22q11.1-q11.2
24	228654_at	LOC139886	-2.05	1.75E-07	1.12E-04	-0.67	-6.98	Xq11.1
25	228988_at	ZNF6	-4.42	4.78E-10	1.11E-06	-0.56	-6.97	Xq13-q21.1
26	214177_s_at	HPIP	-1.79	2.17E-07	1.21E-04	-0.68	-6.95	1q21.3
27	239623_at		-2.83	4.50E-08	3.70E-05	-0.63	-6.94	
28	216554_s_at	ENO1	-1.38	1.37E-07	9.04E-05	-0.64	-6.86	1p36.3-p36.2
29	223506_at	LOC84524	-1.65	2.26E-07	1.25E-04	-0.66	-6.85	2q13
30	224968_at	MGC15407	-1.85	1.70E-06	5.23E-04	-0.74	-6.81	2p16.1
31	220885_s_at	CENPJ	-1.64	5.76E-08	4.35E-05	-0.61	-6.81	13q12.12
32	238726_at		-2.32	1.38E-09	2.69E-06	-0.55	-6.79	
33	225102_at	LOC152009	-2.17	1.92E-07	1.16E-04	-0.63	-6.73	3q21.3
34	226807_at	FLJ34243	-1.80	2.76E-07	1.46E-04	-0.64	-6.72	16q22.3
35	225237_s_at		-2.62	3.87E-07	1.82E-04	-0.64	-6.67	
36	228092_at	CREM	-1.70	3.48E-06	9.15E-04	-0.76	-6.66	10p12.1-p11.1
37	209958_s_at	B1	-2.93	2.21E-09	3.90E-06	-0.52	-6.57	7p14
38	204116_at	IL2RG	-2.18	1.64E-08	1.74E-05	-0.55	-6.56	Xq13.1
39	220240_s_at	C13orf11	-1.86	5.59E-07	2.30E-04	-0.63	-6.55	13q34
40	237216_at		-3.34	8.24E-09	1.12E-05	-0.53	-6.52	
41	214029_at		-2.77	1.32E-08	1.53E-05	-0.54	-6.51	
42	226098_at	KIAA1374	-2.03	4.26E-07	1.92E-04	-0.62	-6.51	3q25.33
43	227943_at		-2.11	2.03E-08	2.09E-05	-0.55	-6.49	
44	220591_s_at	FLJ22843	-1.81	6.31E-07	2.46E-04	-0.62	-6.47	Xp11.3
45	213620_s_at	ICAM2	-1.95	4.21E-07	1.92E-04	-0.61	-6.45	17q23-q25
46	209911_x_at	HIST1H2BD	-1.91	2.36E-08	2.36E-05	-0.53	-6.40	6p21.3
47	212250_at		1.45	1.83E-05	2.90E-03	0.87	6.40	
48	221525_at	DKFZp761I2123	-1.81	5.43E-09	8.04E-06	-0.51	-6.37	7p12.3
49	208457_at	GABRD	-2.23	3.80E-08	3.61E-05	-0.54	-6.37	1p36.3
50	227565_at		-1.95	5.46E-07	2.27E-04	-0.60	-6.36	

2.32 AML_+8 versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	214450_at	CTSW	-12.17	1.32E-13	1.11E-09	-3.18	-16.47	11q13.1
2	212953_x_at	CALR	-3.98	6.41E-15	1.62E-10	-2.77	-15.38	19p13.3-p13.2
3	38487_at	STAB1	-10.43	4.56E-14	5.76E-10	-2.45	-13.74	3p21.31
4	221004_s_at	ITM2C	-5.23	1.11E-12	7.00E-09	-2.10	-11.85	2q37
5	205624_at	CPA3	-10.17	1.62E-12	8.17E-09	-2.11	-11.84	3q21-q25
6	233072_at	KIAA1857	-14.26	1.23E-11	5.18E-08	-2.12	-11.61	9q34
7	225547_at		2.03	7.40E-10	1.35E-06	2.07	10.99	
8	212509_s_at		-6.36	9.07E-11	3.27E-07	-1.95	-10.66	
9	206761_at	TACTILE	-17.64	1.49E-09	2.11E-06	-2.17	-10.58	3q13.13

Table 2

			fc	p	q	stn	t	Map Location
10	204150_at	STAB1	-11.85	1.84E-10	5.15E-07	-1.91	-10.39	3p21.31
11	238365_s_at		-4.68	2.93E-10	7.41E-07	-1.79	-9.87	
12	201029_s_at	CD99	-2.05	1.77E-09	2.35E-06	-1.82	-9.86	Xp22.32
13	200953_s_at	CCND2	-3.46	1.73E-10	5.15E-07	-1.67	-9.44	12p13
14	214315_x_at	CALR	-2.39	7.51E-10	1.35E-06	-1.71	-9.43	19p13.3-p13.2
15	200951_s_at	CCND2	-4.60	6.17E-10	1.30E-06	-1.70	-9.42	12p13
16	209344_at	TPM4	-10.91	8.48E-09	6.69E-06	-1.86	-9.36	19p13.1
17	236787_at		-6.91	1.38E-08	9.68E-06	-1.88	-9.21	
18	241383_at		-3.96	3.35E-09	3.78E-06	-1.72	-9.21	
19	219869_s_at	BIGM103	-2.61	5.33E-10	1.22E-06	-1.60	-9.05	4q22-q24
20	212481_s_at	TPM4	-6.15	1.25E-08	9.06E-06	-1.72	-8.91	19p13.1
21	200986_at	SERPING1	-6.36	2.00E-09	2.52E-06	-1.60	-8.85	11q12-q13.1
22	205349_at	GNA15	-3.06	8.60E-10	1.45E-06	-1.56	-8.81	19p13.3
23	242520_s_at		-5.54	3.44E-09	3.78E-06	-1.59	-8.75	
24	221253_s_at	MGC3178	-2.69	1.35E-09	2.11E-06	-1.55	-8.73	6p24.3
25	219837_s_at	C17	-11.34	1.89E-08	1.22E-05	-1.66	-8.65	4p16-p15
26	201825_s_at	CGI-49	-2.46	1.51E-09	2.11E-06	-1.52	-8.60	1q44
27	205614_x_at	MST1	-4.85	1.11E-08	8.21E-06	-1.57	-8.49	3p21
28	214177_s_at	HPIP	-3.10	9.61E-09	7.36E-06	-1.56	-8.48	1q21.3
29	214789_x_at	SRP46	3.09	5.43E-08	2.74E-05	1.59	8.46	11q22
30	229168_at	DKFZp434K0621	-3.41	3.83E-09	4.03E-06	-1.49	-8.36	5q35.3
31	211934_x_at	G2AN	-2.83	2.69E-09	3.24E-06	-1.48	-8.35	11q12.2
32	217716_s_at	SEC61A1	-1.95	8.02E-09	6.69E-06	-1.47	-8.23	3q21.3
33	205663_at	PCBP3	-3.47	5.42E-09	4.89E-06	-1.46	-8.22	21q22.3
34	205771_s_at	AKAP7	12.23	4.03E-06	6.75E-04	2.04	8.21	6q23
35	206703_at	CHRNB1	-3.47	6.10E-09	5.31E-06	-1.47	-8.20	17p13.1
36	210788_s_at	retSDR4	-2.12	4.38E-09	4.26E-06	-1.45	-8.17	14q22.3
37	220798_x_at	FLJ11535	-2.72	4.38E-09	4.26E-06	-1.44	-8.15	19p13.3
38	227999_at	LOC170394	2.81	2.59E-07	9.63E-05	1.58	8.15	10q26.3
39	209831_x_at	DNASE2	-2.66	5.41E-09	4.89E-06	-1.44	-8.11	19p13.2
40	216320_x_at		-4.50	4.54E-08	2.34E-05	-1.54	-8.10	
41	208852_s_at	CANX	-2.32	8.39E-09	6.69E-06	-1.44	-8.08	5q35
42	225653_at		-1.97	1.77E-08	1.17E-05	-1.47	-8.06	
43	238022_at		-4.56	2.41E-08	1.46E-05	-1.45	-8.02	
44	224794_s_at	CerCAM	-5.78	4.07E-08	2.14E-05	-1.50	-8.02	9q34.13
45	210755_at	HGF	-10.85	1.01E-07	4.62E-05	-1.55	-7.93	7q21.1
46	204116_at	IL2RG	-6.45	1.31E-07	5.79E-05	-1.59	-7.93	Xq13.1
47	219090_at	SLC24A3	-13.41	1.47E-07	6.40E-05	-1.61	-7.92	20p13
48	204897_at	PTGER4	4.23	2.10E-07	8.42E-05	1.48	7.83	5p13.1
49	213147_at	HOXA10	15.52	7.89E-06	9.97E-04	2.00	7.75	7p15-p14
50	223828_s_at	LGALS12	-9.62	1.66E-07	7.01E-05	-1.53	-7.75	11q13

2.33 AML_+8 versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	228827_at		-99.89	4.52E-10	1.37E-05	-2.00	-10.04	
2	206940_s_at	POU4F1	-45.04	1.38E-09	2.09E-05	-1.87	-9.47	13q21.1-q22

Table 2

3	205529_s_at	CBFA2T1	-14.86	2.12E-09	2.13E-05	-1.72	-9.17 8q22
4	211341_at	POU4F1	-240.74	9.70E-09	7.34E-05	-1.70	-8.54 13q21.1-q22
5	205528_s_at	CBFA2T1	-28.26	1.42E-08	8.62E-05	-1.60	-8.34 8q22
6	206761_at	TACTILE	-12.10	2.22E-08	8.76E-05	-1.47	-8.02 3q13.13
7	232227_at		-7.33	3.47E-08	1.17E-04	-1.34	-7.62
8	213147_at	HOXA10	11.15	9.71E-06	4.32E-03	1.84	7.51 7p15-p14
9	204116_at	IL2RG	-3.28	2.16E-08	8.76E-05	-1.26	-7.47 Xq13.1
10	242845_at		-4.92	2.32E-08	8.76E-05	-1.23	-7.35
11	239641_at		1.79	5.02E-08	1.27E-04	1.21	7.22
12	204811_s_at	CACNA2D2	-6.56	1.24E-07	2.50E-04	-1.30	-7.22 3p21.3
13	225547_at		1.48	8.38E-07	9.76E-04	1.28	7.11
14	229002_at	MGC20262	-3.32	4.75E-08	1.27E-04	-1.18	-7.06 9q34.3
15	233072_at	KIAA1857	-6.64	4.81E-08	1.27E-04	-1.14	-6.92 9q34
16	203859_s_at	PALM	-3.48	6.25E-08	1.45E-04	-1.13	-6.84 19p13.3
17	201281_at	ADRM1	-1.97	1.17E-07	2.50E-04	-1.11	-6.69 20q13.33
18	241706_at	LOC144402	5.87	2.09E-05	7.01E-03	1.47	6.66 12q11
19	223991_s_at	GALNT2	-2.21	1.73E-07	3.27E-04	-1.10	-6.62 1q41-q42
20	213194_at	ROBO1	-40.47	8.26E-07	9.76E-04	-1.28	-6.58 3p12
21	216241_s_at	TCEA1	1.79	2.32E-06	1.63E-03	1.16	6.51 3p22-p21.3
22	236787_at		-2.60	3.27E-07	5.21E-04	-1.10	-6.51
23	228058_at	LOC124220	-3.02	3.63E-07	5.49E-04	-1.08	-6.49 16p13.3
24	201015_s_at	JUP	-5.18	2.40E-07	4.12E-04	-1.06	-6.45 17q21
25	200639_s_at	YWHAZ	1.63	1.33E-06	1.25E-03	1.11	6.43 8q23.1
26	225329_at		-2.61	2.45E-07	4.12E-04	-1.05	-6.39 .
27	212895_s_at	ABR	2.97	2.53E-05	7.65E-03	1.31	6.30 17p13.3
28	227298_at		1.62	2.55E-06	1.68E-03	1.10	6.27
29	202242_at	TM4SF2	-4.03	4.91E-07	7.07E-04	-1.04	-6.26 Xq11.4
30	216831_s_at	CBFA2T1	-33.99	1.82E-06	1.42E-03	-1.23	-6.25 8q22
31	204990_s_at	ITGB4	-3.34	1.07E-06	1.13E-03	-1.09	-6.23 17q11-qter
32	235468_at		-4.61	5.20E-07	7.16E-04	-1.03	-6.20
33	225653_at		-1.70	5.60E-07	7.36E-04	-1.03	-6.20
34	226775_at	DC6	1.49	2.17E-06	1.60E-03	1.07	6.18 8q23.2
35	217816_s_at	PCNP	1.59	1.12E-06	1.13E-03	1.03	6.15 3p12.3
36	201592_at	EIF3S3	1.30	8.44E-06	3.93E-03	1.13	6.14 8q23.3
37	203188_at	B3GNT6	1.60	2.00E-06	1.51E-03	1.05	6.13 11q13.1
38	221581_s_at	WBSCR5	6.65	6.51E-05	1.42E-02	1.47	6.10 7q11.23
39	204086_at	PRAME	-6.95	1.11E-06	1.13E-03	-1.03	-6.08 22q11.22
40	231334_at		-3.02	8.19E-07	9.76E-04	-0.99	-6.01
41	232306_at	CDH26	-6.72	2.24E-06	1.62E-03	-1.05	-5.98 20q13.2-q13.33
42	220227_at	FLJ22202	-1.89	8.89E-07	9.97E-04	-0.98	-5.96 20q13.33
43	233587_s_at		-3.18	1.17E-06	1.14E-03	-0.97	-5.89
44	212250_at		1.65	1.63E-06	1.37E-03	0.97	5.87
45	229406_at		-4.64	1.60E-06	1.37E-03	-0.97	-5.86
46	214651_s_at	HOXA9	113.84	1.13E-04	1.86E-02	1.66	5.84 7p15-p14
47	37005_at	NBL1	-2.23	1.37E-06	1.25E-03	-0.96	-5.83 1p36.3-p36.2
48	204960_at	PTPRCAP	-2.96	1.50E-06	1.34E-03	-0.96	-5.82 11q13.3
49	204021_s_at	PURA	2.66	2.26E-05	7.19E-03	1.09	5.81 5q31
50	201067_at	PSMC2	1.67	3.16E-06	1.99E-03	0.98	5.80 7q22.1-q22.3

Table 2

2.34 AML_-7 versus AML_5q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	220099_s_at	CGI-59	-2.60	2.08E-08	6.33E-04	-2.83	-11.31	7q34
2	213151_s_at	CDC10	-2.22	5.96E-07	6.05E-03	-2.85	-10.87	7p14.3-p14.1
3	206860_s_at	FLJ20323	-2.07	4.68E-07	6.05E-03	-2.32	-9.19	7p22-p21
4	226032_at	CASP2	-3.04	8.52E-05	7.24E-02	-2.63	-8.52	7q34-q35
5	214863_at		-2.74	1.25E-06	9.51E-03	-2.02	-8.08	
6	211724_x_at	FLJ20323	-2.05	7.25E-06	2.36E-02	-2.06	-7.97	7p22-p21
7	224719_s_at	LOC113246	2.92	5.74E-06	2.18E-02	2.05	7.91	12p13.31
8	218601_at	URG4	-3.34	4.02E-06	1.75E-02	-2.00	-7.83	7p13
9	214351_x_at	RPL13	1.81	5.81E-05	6.80E-02	2.15	7.71	16q24.3
10	242673_at		-1.99	3.63E-06	1.75E-02	-1.93	-7.66	
11	222047_s_at	ARS2	-1.84	3.74E-06	1.75E-02	-1.91	-7.59	7q21
12	222985_at	YWHAG	-2.45	9.31E-06	2.36E-02	-1.95	-7.59	7q11.23
13	201453_x_at	RHEB2	-2.22	8.99E-06	2.36E-02	-1.93	-7.54	7q36
14	208882_s_at	DD5	-2.05	2.24E-05	4.30E-02	-1.86	-7.16	8q22
15	201258_at	RPS16	1.79	8.56E-05	7.24E-02	1.91	6.99	19q13.1
16	200976_s_at	TAX1BP1	-2.03	2.30E-04	9.36E-02	-2.02	-6.86	7p15
17	200651_at	GNB2L1	1.43	8.06E-06	2.36E-02	1.71	6.84	5q35.3
18	229932_at		-3.08	3.41E-05	5.19E-02	-1.73	-6.70	
19	218132_s_at	LENG5	-1.76	1.10E-05	2.56E-02	-1.67	-6.68	19q13.4
20	201978_s_at	KIAA0141	4.20	2.01E-05	4.30E-02	1.69	6.64	5q31.3
21	244534_at	ZRF1	-2.02	3.23E-05	5.17E-02	-1.70	-6.61	7q22-q32
22	230426_at	DLD	-1.93	2.98E-05	5.04E-02	-1.69	-6.60	7q31-q32
23	213025_at	FLJ20274	-2.19	2.26E-05	4.30E-02	-1.67	-6.59	16p13.11
24	212062_at	ATP9A	-6.93	1.29E-04	9.06E-02	-1.80	-6.58	20q13.11-q13.2
25	213360_s_at	POM121	-2.22	9.50E-05	7.81E-02	-1.74	-6.50	7q11.23
26	225932_s_at		-1.97	1.46E-04	9.26E-02	-1.75	-6.44	
27	214743_at	CUTL1	-2.43	5.30E-04	1.05E-01	-2.02	-6.38	7q22
28	201816_s_at	GBAS	-2.21	2.15E-04	9.36E-02	-1.71	-6.22	7p12
29	220018_at	HAKAI	-2.83	3.62E-04	9.69E-02	-1.79	-6.21	7q22.2
30	200060_s_at - HG-U133A	RNPS1	-1.77	6.29E-05	7.03E-02	-1.58	-6.16	16p13.3
31	211746_x_at	PSMA1	-1.50	1.25E-04	9.04E-02	-1.61	-6.11	11p15.1
32	202843_at	DNAJB9	-2.80	2.98E-05	5.04E-02	-1.53	-6.10	7q31
33	224767_at		3.91	5.81E-05	6.80E-02	1.57	6.09	
34	200883_at	UQCRC2	2.47	4.91E-05	6.50E-02	1.54	6.04	16p12
35	226691_at	KIAA1856	-3.02	4.46E-04	1.03E-01	-1.75	-6.03	7p22.2
36	201316_at	PSMA2	-1.79	3.97E-05	5.75E-02	-1.51	-6.01	7p13
37	222772_at	MEF-2	-2.30	2.73E-04	9.36E-02	-1.64	-5.97	15q15.2
38	217753_s_at	RPS26	-2.02	7.37E-05	7.24E-02	-1.52	-5.95	12q13
39	204871_at	MTERF	-2.44	1.48E-04	9.26E-02	-1.57	-5.94	7q21-q22
40	223626_x_at	FAM14A	2.19	4.80E-05	6.50E-02	1.49	5.92	14q32.13
41	204658_at	HSU53209	-2.56	5.79E-04	1.05E-01	-1.73	-5.88	7p15.3
42	212826_s_at	SLC25A6	1.58	1.80E-04	9.36E-02	1.56	5.87	Xp22.32 and Yp
43	212287_at	JJAZ1	-2.16	2.79E-04	9.36E-02	-1.60	-5.86	17q11.2

<div style="text-align: right;">Table 2</div>

44	204591_at	CHL1	-5.20	2.03E-04	9.36E-02	-1.56	-5.85	3p26.1
45	226336_at	PPIA	-2.34	3.14E-04	9.36E-02	-1.58	-5.78	7p13-p11.2
46	213097_s_at	ZRF1	-2.38	2.55E-04	9.36E-02	-1.55	-5.78	7q22-q32
47	216032_s_at	SDBCAG84	3.55	2.83E-04	9.36E-02	1.64	5.78	20pter-q12
48	209095_at	DLD	-2.71	2.62E-04	9.36E-02	-1.55	-5.77	7q31-q32
49	200005_at - HG-U133B	EIF3S7	2.08	7.75E-05	7.24E-02	1.47	5.77	22q13.1
50	223304_at	DKFZp761N0624	-5.39	5.39E-04	1.05E-01	-1.65	-5.77	7q34

2.35 AML_-7 versus AML_9q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	201405_s_at	COPS6	-2.48	6.45E-08	1.99E-03	-2.49	-10.34	7q22.1
2	201317_s_at	PSMA2	-1.96	2.02E-07	2.11E-03	-2.39	-9.83	7p13
3	220018_at	HAKAI	-2.94	5.64E-07	2.66E-03	-2.36	-9.56	7q22.2
4	219041_s_at	RIP60	-3.05	7.89E-07	2.66E-03	-2.32	-9.36	7q36.1
5	218389_s_at	APH-1A	-1.91	1.27E-07	1.99E-03	-2.11	-8.95	1p36.13-q31.3
6	217720_at	LOC51142	-1.52	4.83E-07	2.66E-03	-2.01	-8.45	7p11.1
7	209036_s_at	MDH2	-2.43	5.01E-06	6.83E-03	-2.14	-8.38	7p12.3-q11.2
8	201812_s_at	TOM7	-2.01	9.63E-07	2.74E-03	-2.00	-8.30	7p15.3
9	226385_s_at	LOC115416	-2.41	4.81E-07	2.66E-03	-1.94	-8.20	7p15.3
10	213460_x_at	WBSCR20C	-3.28	1.59E-06	3.56E-03	-1.95	-8.08	7q11.23
11	201552_at	LAMP1	-1.98	7.99E-07	2.66E-03	-1.83	-7.78	13q34
12	201973_s_at	CGI-43	-1.71	7.99E-07	2.66E-03	-1.83	-7.78	7p22.2
13	218378_s_at	FLJ13902	-2.61	1.57E-05	1.38E-02	-2.03	-7.76	7q22.1
14	203168_at	CREBL1	-2.11	8.48E-07	2.66E-03	-1.83	-7.74	6p21.3
15	213404_s_at	RHEB2	-2.17	1.22E-06	3.20E-03	-1.82	-7.69	7q36
16	201260_s_at	SYPL	-2.51	1.78E-06	3.72E-03	-1.82	-7.64	7q22.1
17	213151_s_at	CDC10	-1.65	1.34E-06	3.24E-03	-1.77	-7.50	7p14.3-p14.1
18	226336_at	PPIA	-2.25	3.14E-06	5.07E-03	-1.76	-7.34	7p13-p11.2
19	218321_x_at	MK-STYX	-2.99	1.09E-05	1.10E-02	-1.82	-7.32	7q11.23
20	231300_at	LOC90835	-2.84	2.81E-06	5.07E-03	-1.73	-7.27	16p11.2
21	208612_at	GRP58	-1.54	2.08E-06	4.08E-03	-1.70	-7.22	15q15
22	202961_s_at	ATP5J2	-2.16	2.94E-06	5.07E-03	-1.71	-7.21	7q22.1
23	224680_at		-2.59	5.45E-06	7.11E-03	-1.71	-7.10	
24	220099_s_at	CGI-59	-2.65	1.58E-05	1.38E-02	-1.75	-7.04	7q34
25	90610_at	LRRN1	-1.91	3.24E-06	5.07E-03	-1.66	-7.02	7q22
26	202605_at	GUSB	-4.46	5.99E-05	2.23E-02	-1.89	-6.97	7q21.11
27	201091_s_at	CBX3	-2.28	4.10E-06	6.13E-03	-1.64	-6.92	7p15.2
28	214743_at	CUTL1	-2.15	6.84E-05	2.31E-02	-1.89	-6.90	7q22
29	225321_s_at	PILR	-2.89	2.43E-05	1.70E-02	-1.73	-6.87	7q22.1
30	217773_s_at	NDUFA4	-1.84	4.66E-06	6.64E-03	-1.61	-6.81	7p21.3
31	214526_x_at	PMS2L8	-2.16	3.89E-05	1.91E-02	-1.73	-6.75	7q22
32	218008_at	FLJ10099	-1.91	1.96E-05	1.51E-02	-1.64	-6.67	7q11.21
33	208688_x_at	EIF3S9	-1.95	2.91E-05	1.79E-02	-1.67	-6.66	7p22.3
34	211747_s_at	LSM5	-2.32	6.55E-06	7.90E-03	-1.57	-6.65	7p14.3
35	202904_s_at	LSM5	-2.77	1.56E-05	1.38E-02	-1.61	-6.62	7p14.3
36	36545_s_at	KIAA0542	-1.84	6.43E-06	7.90E-03	-1.56	-6.61	22q12.2

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
37	208921_s_at	SRI	-2.04	6.90E-05	2.31E-02	-1.73	-6.58	7q21.1
38	214351_x_at	RPL13	1.52	3.53E-05	1.91E-02	1.65	6.57	16q24.3
39	213360_s_at	POM121	-1.75	7.91E-06	9.08E-03	-1.56	-6.57	7q11.23
40	214756_x_at	PMS2L8	-2.10	2.20E-05	1.59E-02	-1.60	-6.54	7q22
41	201453_x_at	RHEB2	-2.19	1.97E-05	1.51E-02	-1.58	-6.49	7q36
42	213893_x_at	PMS2L5	-2.61	8.63E-05	2.52E-02	-1.72	-6.47	7q11-q22
43	220261_s_at	ZDHHC4	-2.38	2.23E-05	1.59E-02	-1.57	-6.45	7p22.2
44	202854_at	HPRT1	-1.79	8.11E-06	9.08E-03	-1.52	-6.44	Xq26.1
45	224281_s_at	NEUGRIN	2.17	6.62E-05	2.31E-02	1.67	6.44	15q26.1
46	226975_at	FLJ25070	2.01	1.26E-05	1.20E-02	1.53	6.42	1p21
47	226691_at	KIAA1856	-2.65	5.04E-05	2.02E-02	-1.61	-6.39	7p22.2
48	205084_at	BAP29	-1.98	1.01E-05	1.06E-02	-1.51	-6.39	7q22.2
49	217485_x_at	PMS2L1	-2.23	3.85E-05	1.91E-02	-1.59	-6.39	7q11-q22
50	217934_x_at	STUB1	-1.49	2.62E-05	1.72E-02	-1.56	-6.37	16p13.3

2.36 AML_-7 versus AML_MLL

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	213893_x_at	PMS2L5	-2.89	2.28E-13	6.64E-09	-1.66	-10.76	7q11-q22
2	209036_s_at	MDH2	-2.21	1.63E-12	1.58E-08	-1.62	-10.42	7p12.3-q11.2
3	200976_s_at	TAX1BP1	-1.86	1.01E-12	1.47E-08	-1.60	-10.34	7p15
4	225002_s_at	DKFZP566I1024	-3.87	7.25E-12	4.22E-08	-1.53	-9.79	7q11.1
5	214756_x_at	PMS2L8	-2.41	1.16E-11	4.84E-08	-1.51	-9.70	7q22
6	216843_x_at		-2.50	5.62E-12	4.10E-08	-1.49	-9.65	
7	214526_x_at	PMS2L8	-2.32	1.00E-11	4.84E-08	-1.46	-9.44	7q22
8	236398_s_at		-7.76	2.40E-11	8.75E-08	-1.45	-9.29	
9	214651_s_at	HOXA9	-5.42	5.54E-10	8.97E-07	-1.48	-9.24	7p15-p14
10	222512_at	NYREN18	-2.16	3.19E-11	1.03E-07	-1.40	-9.05	7q36
11	213737_x_at		-2.28	1.92E-09	2.08E-06	-1.46	-9.03	
12	202605_at	GUSB	-3.79	3.74E-11	1.06E-07	-1.39	-9.01	7q21.11
13	209905_at	HOXA9	-9.32	4.01E-11	1.06E-07	-1.39	-8.98	7p15-p14
14	225932_s_at		-1.88	5.29E-10	8.97E-07	-1.42	-8.96	
15	215667_x_at	PMS2L5	-2.23	8.63E-10	1.20E-06	-1.43	-8.95	7q11-q22
16	214473_x_at	PMS2L9	-2.19	8.70E-11	2.11E-07	-1.36	-8.77	7q11.23
17	217485_x_at	PMS2L1	-2.41	1.34E-10	3.01E-07	-1.34	-8.68	7q11-q22
18	208445_s_at	BAZ1B	-4.31	9.48E-10	1.20E-06	-1.36	-8.62	7q11.23
19	216525_x_at	PMS2L3	-2.26	2.94E-10	6.12E-07	-1.29	-8.34	7q11-q22
20	239896_at		-2.98	3.19E-10	6.20E-07	-1.28	-8.29	
21	224680_at		-2.46	9.56E-09	6.34E-06	-1.33	-8.22	
22	218460_at	FLJ20397	-2.66	4.58E-10	8.35E-07	-1.26	-8.19	7p22.3
23	231365_at	HOXA9	-7.77	2.33E-09	2.34E-06	-1.32	-8.08	7p15-p14
24	201405_s_at	COPS6	-2.35	7.03E-10	1.08E-06	-1.24	-8.05	7q22.1
25	226386_at	LOC115416	-2.40	8.74E-10	1.20E-06	-1.23	-7.98	7p15.3
26	224948_at	MRPS24	-1.71	4.88E-09	4.32E-06	-1.26	-7.98	7p14
27	226032_at	CASP2	-2.15	1.12E-09	1.36E-06	-1.24	-7.96	7q34-q35
28	213150_at	HOXA10	-6.79	9.28E-10	1.20E-06	-1.23	-7.95	7p15-p14
29	218321_x_at	MK-STYX	-2.69	1.75E-09	1.96E-06	-1.23	-7.94	7q11.23

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
30	217773_s_at	NDUFA4	-1.79	4.20E-07	1.14E-04	-1.37	-7.93	7p21.3
31	202961_s_at	ATP5J2	-2.13	1.63E-08	9.69E-06	-1.27	-7.92	7q22.1
32	210707_x_at	PMS2L5	-2.10	1.40E-09	1.63E-06	-1.22	-7.91	7q11-q22
33	226364_at		-7.93	2.92E-09	2.84E-06	-1.26	-7.89	
34	216111_x_at	POM121	-1.89	2.82E-07	8.40E-05	-1.34	-7.84	7q11.23
35	213147_at	HOXA10	-3.59	6.12E-09	5.04E-06	-1.22	-7.76	7p15-p14
36	228765_at		-2.32	2.13E-09	2.21E-06	-1.19	-7.70	
37	226385_s_at	LOC115416	-2.32	1.41E-08	8.92E-06	-1.21	-7.65	7p15.3
38	218200_s_at	NDUFB2	-2.37	3.53E-09	3.32E-06	-1.18	-7.64	7q34
39	223328_at	MGC3195	-2.54	6.79E-08	2.96E-05	-1.24	-7.62	7q22.1
40	217842_at	CGI-59	-2.79	6.23E-09	5.04E-06	-1.18	-7.58	7q34
41	201327_s_at	CCT6A	-1.98	6.69E-09	5.27E-06	-1.16	-7.49	7p11.1
42	217853_at	TEM6	-3.66	4.57E-09	4.16E-06	-1.15	-7.47	7p15.1
43	221581_s_at	WBSCR5	-2.75	1.55E-08	9.44E-06	-1.17	-7.47	7q11.23
44	211200_s_at	FGR	-3.92	8.40E-09	5.98E-06	-1.15	-7.42	1p36.2-p36.1
45	201272_at	AKR1B1	-2.76	9.39E-09	6.34E-06	-1.16	-7.39	7q35
46	221073_s_at	CARD4	-1.62	1.22E-08	7.92E-06	-1.15	-7.38	7p15-p14
47	208921_s_at	SRI	-1.82	5.93E-09	5.04E-06	-1.14	-7.36	7q21.1
48	227651_at	NAC1	1.56	4.25E-07	1.14E-04	1.23	7.33	19p13.12
49	201812_s_at	TOM7	-1.64	3.72E-07	1.03E-04	-1.22	-7.32	7p15.3
50	204082_at	PBX3	-3.20	6.97E-09	5.35E-06	-1.13	-7.32	9q33-q34

2.37 AML_-7 versus AML_inv(16)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	201497_x_at	MYH11	-26.22	4.86E-11	8.01E-07	-2.17	-11.19	16p13.13-p13.12
2	225002_s_at	DKFZP566I1024	-2.77	1.46E-11	4.83E-07	-1.75	-10.19	7q11.1
3	202605_at	GUSB	-2.67	4.12E-09	9.58E-06	-1.79	-9.85	7q21.11
4	219041_s_at	RIP60	-2.43	5.38E-10	2.85E-06	-1.59	-9.18	7q36.1
5	209365_s_at	ECM1	-3.65	9.94E-10	3.75E-06	-1.56	-8.99	1q21
6	201327_s_at	CCT6A	-2.13	5.07E-10	2.85E-06	-1.54	-8.95	7p11.1
7	218200_s_at	NDUFB2	-2.38	1.02E-09	3.75E-06	-1.53	-8.83	7q34
8	243244_at		-4.10	5.46E-10	2.85E-06	-1.52	-8.82	
9	225935_at		-2.38	5.79E-10	2.85E-06	-1.50	-8.72	
10	202016_at	MEST	-6.54	6.06E-10	2.85E-06	-1.49	-8.70	7q32
11	225640_at		1.86	2.77E-07	2.08E-04	1.63	8.59	
12	202185_at	PLOD3	-2.29	5.10E-09	9.89E-06	-1.51	-8.59	7q22
13	214351_x_at	RPL13	1.44	1.88E-09	5.64E-06	1.47	8.50	16q24.3
14	201496_x_at	MYH11	-4.14	1.42E-09	4.67E-06	-1.44	-8.38	16p13.13-p13.12
15	201317_s_at	PSMA2	-1.69	3.03E-09	8.34E-06	-1.43	-8.29	7p13
16	229309_at		-8.11	7.20E-09	1.25E-05	-1.43	-8.11	
17	222862_s_at	AK5	-20.09	2.25E-08	3.09E-05	-1.55	-8.11	1p31
18	227249_at	NUDE1	-1.97	3.44E-09	8.74E-06	-1.38	-8.06	16p13.11
19	226691_at	KIAA1856	-2.47	4.65E-09	9.58E-06	-1.38	-8.02	7p22.2
20	201005_at	CD9	-5.63	4.45E-09	9.58E-06	-1.36	-7.95	12p13.3
21	207961_x_at	MYH11	-20.85	3.47E-08	3.94E-05	-1.57	-7.95	16p13.13-p13.12
22	224049_at	KCNK17	-2.79	6.00E-09	1.10E-05	-1.35	-7.85	6p21.1

                                                                    Table 2

23 201564_s_at	FSCN1	-3.57 1.63E-08 2.44E-05 -1.38	-7.83 7p22
24 212358_at	CLIPR-59	-13.60 3.18E-08 3.94E-05 -1.42	-7.77 19q13.12
25 222582_at	PRKAG2	-2.46 1.04E-08 1.72E-05 -1.33	-7.74 7q35-q36
26 227856_at	FLJ39370	5.67 1.91E-05 3.66E-03 1.75	7.69 4q25
27 223967_at	ARP5	-5.90 2.51E-08 3.31E-05 -1.37	-7.69 19p13.2
28 219308_s_at	AK5	-7.07 4.25E-08 4.67E-05 -1.40	-7.66 1p31
29 228899_at	CUL1	-2.22 1.76E-08 2.53E-05 -1.32	-7.61 7q36.1
30 226032_at	CASP2	-1.84 1.27E-08 1.99E-05 -1.30	-7.58 7q34-q35
31 223065_s_at	STARD3NL	-2.29 3.23E-08 3.94E-05 -1.32	-7.57 7p14-p13
32 223299_at	LOC90701	3.12 1.63E-05 3.31E-03 1.61	7.44 18q21.31
33 229202_at		3.91 2.70E-05 4.39E-03 1.69	7.41
34 214743_at	CUTL1	-1.78 3.35E-08 3.94E-05 -1.27	-7.32 7q22
35 208688_x_at	EIF3S9	-1.52 3.53E-06 1.16E-03 -1.40	-7.26 7p22.3
36 226705_at	FGFR1	-1.73 1.83E-07 1.47E-04 -1.26	-7.13 8p11.2-p11.1
37 215116_s_at	DNM1	-2.98 5.38E-08 5.55E-05 -1.23	-7.13 9q34
38 210962_s_at	AKAP9	-2.17 4.73E-08 5.03E-05 -1.22	-7.10 7q21-q22
39 209975_at	CYP2E1	-5.04 6.54E-08 6.54E-05 -1.22	-7.06 10q24.3-qter
40 219132_at	PELI2	3.36 1.56E-05 3.24E-03 1.45	7.03 14q21
41 212074_at	UNC84A	-2.39 7.47E-08 7.04E-05 -1.20	-6.99 7p22.3
42 230161_at		-2.74 5.49E-07 2.87E-04 -1.25	-6.98
43 202070_s_at	IDH3A	-2.10 1.07E-07 9.53E-05 -1.22	-6.98 15q25.1-q25.2
44 202283_at	SERPINF1	-4.81 6.74E-08 6.54E-05 -1.20	-6.97 17p13.1
45 238147_at	TRIM46	-2.25 3.55E-07 2.32E-04 -1.23	-6.95 1q21.3
46 200060_s_at - HG-U133B	RNPS1	-1.49 8.63E-08 7.91E-05 -1.18	-6.89 16p13.3
47 243286_at		-2.73 3.58E-07 2.32E-04 -1.21	-6.88
48 217809_at	BZW2	-2.12 2.59E-07 1.99E-04 -1.19	-6.83 7p21.1
49 205419_at	EBI2	-3.20 5.03E-07 2.80E-04 -1.21	-6.81 13q32.2
50 226975_at	FLJ25070	2.19 2.01E-06 7.99E-04 1.25	6.80 1p21

2.38 AML_-7 versus AML_inv(3)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	206478_at	KIAA0125	-4.72	9.56E-06	7.88E-02	-1.15	-5.79	14q32.33
2	210933_s_at	FSCN1	-2.45	8.61E-06	7.88E-02	-1.07	-5.58	7p22
3	217019_at		-2.74	1.51E-05	7.88E-02	-1.09	-5.52	
4	201258_at	RPS16	1.34	1.03E-05	7.88E-02	1.06	5.50	19q13.1
5	220668_s_at	DNMT3B	-2.68	1.39E-05	7.88E-02	-1.05	-5.44	20q11.2
6	220583_at	FLJ22596	-1.55	1.39E-05	7.88E-02	-1.04	-5.41	11q13.3
7	244332_at		-2.84	1.72E-05	7.88E-02	-1.05	-5.38	
8	225563_at	LOC255967	-1.94	1.79E-05	7.88E-02	-1.03	-5.32	13q12.13
9	208532_x_at		-2.23	1.71E-04	1.82E-01	-1.09	-5.15	
10	210086_at	HR	-1.82	3.55E-05	1.17E-01	-1.01	-5.13	8p21.2
11	216947_at	DES	-3.10	3.62E-05	1.17E-01	-0.99	-5.08	2q35
12	232899_at		-1.53	3.66E-05	1.17E-01	-0.97	-5.01	
13	222992_s_at	NDUFB9	1.62	4.37E-04	2.19E-01	1.13	4.98	8q13.3
14	211597_s_at	HOP	-4.51	9.72E-05	1.82E-01	-1.06	-4.98	4q11-q12
15	219275_at	PDCD5	1.69	3.12E-04	2.07E-01	1.08	4.96	19q12-q13.1

Table 2

16 214351_x_at	RPL13	1.27	5.48E-05	1.61E-01	0.94	4.87	16q24.3
17 220443_s_at	VAX2	-2.03	1.13E-04	1.82E-01	-0.97	-4.85	2p13
18 216546_s_at		-2.91	7.46E-05	1.82E-01	-0.95	-4.83	
19 212251_at		1.42	8.25E-05	1.82E-01	0.92	4.76	
20 223161_at	LCHN	-1.77	1.74E-04	1.82E-01	-0.93	-4.66	7q34
21 204525_at	KIAA0783	-1.73	9.01E-05	1.82E-01	-0.90	-4.66	7p21.3
22 239072_at		2.81	8.53E-04	2.34E-01	1.09	4.65	
23 33646_g_at	GM2A	1.80	7.55E-04	2.32E-01	1.06	4.65	5q31.3-q33.1
24 213780_at	THH	-4.51	2.15E-04	1.82E-01	-1.02	-4.65	1q21.3
25 224576_at	KIAA1181	-2.87	1.31E-04	1.82E-01	-0.92	-4.64	5q35.2
26 223479_s_at	C2orf9	1.53	3.94E-04	2.19E-01	0.97	4.62	2q13
27 228587_at		-3.20	2.17E-04	1.82E-01	-0.98	-4.60	
28 226762_at		-2.09	1.17E-04	1.82E-01	-0.89	-4.58	
29 200657_at	SLC25A5	1.27	1.17E-04	1.82E-01	0.88	4.56	Xq24-q26
30 204304_s_at	PROML1	-6.36	2.39E-04	1.91E-01	-0.95	-4.54	4p15.33
31 230929_s_at	UBE2J2	-2.32	1.33E-04	1.82E-01	-0.88	-4.54	1p36.33
32 224751_at		-1.80	1.66E-04	1.82E-01	-0.89	-4.53	
33 202876_s_at	PBX2	-2.37	1.67E-04	1.82E-01	-0.89	-4.51	6p21.3
34 217979_at	NET-6	-2.57	1.34E-04	1.82E-01	-0.87	-4.51	7p21.1
35 239595_at		-2.63	1.36E-04	1.82E-01	-0.87	-4.50	
36 216291_at		-2.56	1.35E-04	1.82E-01	-0.87	-4.50	
37 226790_at		1.72	4.09E-04	2.19E-01	0.93	4.49	
38 228149_at	FLJ31818	-1.91	1.42E-04	1.82E-01	-0.86	-4.49	7q31.1
39 221263_s_at	SF3b10	1.51	1.77E-04	1.82E-01	0.87	4.48	6q24.1
40 238498_at		-2.43	1.49E-04	1.82E-01	-0.86	-4.47	
41 219884_at	LHX6	-4.26	2.14E-04	1.82E-01	-0.89	-4.46	9q33.3
42 226032_at	CASP2	-1.54	1.79E-04	1.82E-01	-0.87	-4.46	7q34-q35
43 221288_at	GPR22	-2.47	2.02E-04	1.82E-01	-0.87	-4.43	7q22-q31.1
44 237472_at		3.06	9.54E-04	2.34E-01	0.98	4.41	
45 217809_at	BZW2	-2.00	1.89E-04	1.82E-01	-0.85	-4.40	7p21.1
46 219342_at	CAS1	-1.78	1.80E-04	1.82E-01	-0.85	-4.39	7q21.3
47 225954_s_at	MIDN	-1.98	1.82E-04	1.82E-01	-0.84	-4.39	19p13.3
48 218672_at	MGC3180	1.96	7.29E-04	2.32E-01	0.94	4.39	1q21.2
49 220201_at	MNAB	-2.00	2.19E-04	1.82E-01	-0.85	-4.38	9q34
50 204916_at	RAMP1	-2.86	2.57E-04	1.99E-01	-0.87	-4.37	2q36-q37.1

2.39 AML_-7 versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	214351_x_at	RPL13	1.72	2.05E-13	3.79E-09	1.76	11.39	16q24.3
2	218389_s_at	APH-1A	-2.14	2.77E-11	1.71E-07	-1.70	-10.72	1p36.13-q31.3
3	221073_s_at	CARD4	-1.94	2.37E-12	2.19E-08	-1.53	-10.01	7p15-p14
4	212826_s_at	SLC25A6	1.72	4.57E-10	1.69E-06	1.45	9.20	Xp22.32 and Yp
5	220099_s_at	CGI-59	-2.19	1.65E-08	9.93E-06	-1.43	-8.70	7q34
6	202876_s_at	PBX2	-3.00	1.31E-10	6.07E-07	-1.32	-8.60	6p21.3
7	234339_s_at	GLTSCR2	2.44	4.63E-07	6.38E-05	1.52	8.54	19q13.3
8	200997_at	RBM4	-2.04	1.25E-09	2.56E-06	-1.29	-8.31	11q13

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
9	211724_x_at	FLJ20323	-1.92	4.13E-09	4.75E-06	-1.24	-7.96	7p22-p21
10	225932_s_at		-1.98	1.04E-09	2.56E-06	-1.21	-7.93	
11	214743_at	CUTL1	-1.92	1.07E-09	2.56E-06	-1.21	-7.91	7q22
12	201453_x_at	RHEB2	-2.13	8.45E-09	6.24E-06	-1.24	-7.91	7q36
13	217846_at	QARS	1.59	6.60E-08	2.07E-05	1.29	7.89	3p21.3-p21.1
14	208445_s_at	BAZ1B	-5.77	1.12E-09	2.56E-06	-1.20	-7.85	7q11.23
15	207844_at	IL13	3.57	5.15E-06	3.14E-04	1.50	7.81	5q31
16	54970_at	DKFZp761I2123	-2.02	6.60E-09	5.64E-06	-1.20	-7.73	7p12.3
17	222999_s_at	CCNL2	-1.92	1.62E-09	3.00E-06	-1.18	-7.73	1p36.33
18	225644_at	FLJ33814	-2.75	2.52E-09	3.58E-06	-1.19	-7.72	22q12.1
19	201458_s_at	BUB3	-2.12	6.72E-09	5.64E-06	-1.20	-7.69	10q26
20	212031_at	S164	-2.13	4.44E-08	1.65E-05	-1.23	-7.65	14q24.3
21	214700_x_at	DKFZP434D193	-2.57	2.39E-09	3.58E-06	-1.17	-7.64	2q23.3
22	217427_s_at	HIRA	-5.78	2.19E-09	3.58E-06	-1.16	-7.63	22q11.21
23	226975_at	FLJ25070	2.49	4.82E-07	6.42E-05	1.29	7.61	1p21
24	206860_s_at	FLJ20323	-1.92	1.08E-08	7.41E-06	-1.18	-7.58	7p22-p21
25	206550_s_at	NUP155	-2.36	5.46E-09	5.31E-06	-1.16	-7.55	5p13.1
26	226386_at	LOC115416	-2.31	3.30E-09	4.33E-06	-1.15	-7.52	7p15.3
27	213151_s_at	CDC10	-1.74	7.61E-09	5.97E-06	-1.16	-7.50	7p14.3-p14.1
28	225437_s_at	MGC22916	-1.92	3.52E-09	4.33E-06	-1.14	-7.48	7p22.3
29	225935_at		-2.50	4.37E-09	4.75E-06	-1.14	-7.43	
30	212491_s_at	DNAJC8	-1.82	2.26E-07	4.53E-05	-1.21	-7.40	1p35.2
31	222843_at	FIGNL1	-2.75	5.03E-09	5.16E-06	-1.13	-7.38	7p12.1
32	241681_at		-2.11	9.12E-09	6.48E-06	-1.13	-7.37	
33	200976_s_at	TAX1BP1	-1.94	6.48E-09	5.64E-06	-1.13	-7.36	7p15
34	200657_at	SLC25A5	1.40	3.44E-08	1.39E-05	1.15	7.33	Xq24-q26
35	200074_s_at - HG-U133B	RPL14	1.35	1.94E-08	1.05E-05	1.14	7.32	3p22-p21.2
36	206095_s_at	FUSIP1	-2.08	7.76E-09	5.97E-06	-1.12	-7.29	1p36.11
37	223396_at	DC32	-1.91	2.08E-08	1.07E-05	-1.13	-7.28	7q11.23
38	211746_x_at	PSMA1	-1.49	1.97E-08	1.05E-05	-1.12	-7.26	11p15.1
39	203092_at	TIMM44	-5.09	5.42E-08	1.85E-05	-1.14	-7.24	19p13.3-p13.2
40	226762_at		-2.51	1.39E-08	8.83E-06	-1.11	-7.20	
41	224481_s_at	HECTD1	-1.79	4.05E-07	5.84E-05	-1.18	-7.19	14q12
42	217734_s_at	WDR6	-2.24	1.96E-08	1.05E-05	-1.11	-7.19	15q21
43	225610_at	URF2	-1.94	2.62E-08	1.23E-05	-1.10	-7.12	9p24.1
44	201258_at	RPS16	1.43	3.46E-08	1.39E-05	1.10	7.10	19q13.1
45	226434_at	MGC22793	-2.18	1.31E-08	8.64E-06	-1.08	-7.09	7q22.1
46	205545_x_at	DNAJC8	-1.69	3.42E-07	5.42E-05	-1.15	-7.09	1p35.2
47	200086_s_at - HG-U133B	COX4I1	1.61	1.25E-06	1.30E-04	1.20	7.06	16q22-qter
48	223065_s_at	STARD3NL	-2.32	2.94E-08	1.29E-05	-1.09	-7.06	7p14-p13
49	201973_s_at	CGI-43	-1.68	8.41E-08	2.37E-05	-1.11	-7.05	7p22.2
50	212351_at	EIF2B5	-1.90	2.23E-08	1.10E-05	-1.08	-7.05	3q27.3

2.4 AML_-7 versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	200976_s_at	TAX1BP1	-1.99	2.87E-15	4.45E-12	-1.66	-17.48	7p15

Table 2

2	225002_s_at	DKFZP566I1024	-2.96	6.78E-16	1.24E-12	-1.41	-15.47	7q11.1
3	214743_at	CUTL1	-2.00	2.81E-19	1.09E-15	-1.30	-15.14	7q22
4	213893_x_at	PMS2L5	-2.44	6.00E-13	5.63E-10	-1.43	-14.76	7q11-q22
5	224751_at		-2.42	2.11E-15	3.45E-12	-1.34	-14.76	
6	226032_at	CASP2	-2.35	3.23E-22	2.50E-18	-1.21	-14.62	7q34-q35
7	210962_s_at	AKAP9	-2.51	2.37E-12	1.79E-09	-1.36	-13.98	7q21-q22
8	225935_at		-2.48	6.22E-14	7.13E-11	-1.23	-13.39	
9	225932_s_at		-1.98	2.06E-09	5.32E-07	-1.49	-13.25	
10	218378_s_at	FLJ13902	-2.61	6.87E-20	3.04E-16	-1.09	-13.17	7q22.1
11	216843_x_at		-2.11	3.75E-12	2.58E-09	-1.25	-13.05	
12	214473_x_at	PMS2L9	-2.15	6.94E-12	4.48E-09	-1.23	-12.80	7q11.23
13	200977_s_at	TAX1BP1	-2.33	7.17E-10	2.16E-07	-1.34	-12.67	7p15
14	216525_x_at	PMS2L3	-2.13	7.19E-15	9.28E-12	-1.11	-12.56	7q11-q22
15	226529_at	FLJ11273	-3.18	6.35E-15	8.94E-12	-1.09	-12.44	7p21.3
16	214526_x_at	PMS2L8	-2.00	8.81E-11	4.14E-08	-1.24	-12.42	7q22
17	226336_at	PPIA	-2.42	2.48E-09	6.00E-07	-1.34	-12.29	7p13-p11.2
18	201682_at	PMPCB	-1.75	1.70E-13	1.81E-10	-1.07	-11.90	7q22-q32
19	231365_at	HOXA9	-5.78	2.32E-23	7.18E-19	-0.91	-11.78	7p15-p14
20	226386_at	LOC115416	-2.42	6.81E-13	6.20E-10	-1.07	-11.75	7p15.3
21	209036_s_at	MDH2	-1.94	8.66E-10	2.53E-07	-1.21	-11.71	7p12.3-q11.2
22	213780_at	THH	-4.11	5.68E-23	8.80E-19	-0.91	-11.71	1q21.3
23	235521_at	HOXA3	-8.39	1.20E-16	3.10E-13	-0.98	-11.66	7p15-p14
24	218321_x_at	MK-STYX	-2.76	2.70E-10	1.01E-07	-1.16	-11.60	7q11.23
25	208921_s_at	SRI	-1.79	6.77E-12	4.46E-09	-1.07	-11.52	7q21.1
26	217485_x_at	PMS2L1	-2.14	1.08E-08	2.05E-06	-1.28	-11.50	7q11-q22
27	225238_at		-6.22	1.81E-22	1.87E-18	-0.89	-11.43	
28	225556_at	LOC203547	-1.98	1.25E-11	7.91E-09	-1.07	-11.42	Xq28
29	239237_at		-3.29	4.61E-18	1.59E-14	-0.93	-11.38	
30	201327_s_at	CCT6A	-2.00	6.42E-09	1.34E-06	-1.22	-11.30	7p11.1
31	201317_s_at	PSMA2	-1.71	6.26E-10	1.96E-07	-1.13	-11.28	7p13
32	239896_at		-2.55	5.27E-11	2.68E-08	-1.07	-11.21	
33	202591_s_at	SSBP1	-1.77	7.85E-11	3.80E-08	-1.06	-11.11	7q34
34	213097_s_at	ZRF1	-2.40	1.90E-08	3.37E-06	-1.24	-11.09	7q22-q32
35	201405_s_at	COPS6	-2.09	1.15E-09	3.12E-07	-1.12	-11.07	7q22.1
36	231175_at	FLJ30162	-9.79	5.43E-20	2.80E-16	-0.86	-10.95	6p11.1
37	227754_at		-2.19	1.62E-12	1.27E-09	-0.97	-10.81	
38	222742_s_at	FLJ14117	-2.33	4.09E-11	2.15E-08	-1.01	-10.78	7q22.1
39	210707_x_at	PMS2L5	-1.96	4.85E-09	1.04E-06	-1.11	-10.70	7q11-q22
40	214457_at	HOXA2	-6.67	4.62E-20	2.80E-16	-0.83	-10.70	7p15-p14
41	223065_s_at	STARD3NL	-2.36	4.21E-08	6.73E-06	-1.21	-10.69	7p14-p13
42	242673_at		-2.19	1.61E-10	6.76E-08	-1.01	-10.64	
43	228476_at	KIAA1407	-3.36	5.78E-16	1.12E-12	-0.88	-10.62	3q13.2
44	217809_at	BZW2	-2.42	3.54E-09	7.94E-07	-1.09	-10.62	7p21.1
45	221073_s_at	CARD4	-1.64	3.38E-09	7.65E-07	-1.08	-10.54	7p15-p14
46	214756_x_at	PMS2L8	-1.98	1.03E-07	1.38E-05	-1.24	-10.53	7q22
47	218200_s_at	NDUFB2	-2.17	8.34E-08	1.16E-05	-1.22	-10.50	7q34
48	208688_x_at	EIF3S9	-1.77	8.28E-09	1.63E-06	-1.09	-10.46	7p22.3
49	219041_s_at	RIP60	-2.33	6.06E-10	1.92E-07	-1.01	-10.41	7q36.1

Table 2

50 214351_x_at	RPL13		1.36	3.07E-08	5.12E-06	1.14	10.38	16q24.3

2.41 AML_-7 versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	212953_x_at	CALR	-3.68	2.61E-14	6.81E-10	-2.82	-15.07	19p13.3-p13.2
2	214450_at	CTSW	-9.10	5.29E-14	6.91E-10	-2.65	-14.24	11q13.1
3	205382_s_at	DF	-4.91	1.98E-10	8.61E-07	-2.19	-11.46	19p13.3
4	200977_s_at	TAX1BP1	-2.62	2.44E-11	2.12E-07	-2.03	-10.90	7p15
5	221253_s_at	MGC3178	-3.11	3.59E-10	9.39E-07	-2.04	-10.53	6p24.3
6	201825_s_at	CGI-49	-3.67	1.61E-10	8.39E-07	-1.88	-10.08	1q44
7	217716_s_at	SEC61A1	-1.96	1.30E-10	8.39E-07	-1.86	-10.04	3q21.3
8	55093_at	CSGlcA-T	-2.02	2.64E-10	8.61E-07	-1.84	-9.84	7q36.1
9	200986_at	SERPING1	-7.57	1.98E-09	2.72E-06	-1.92	-9.82	11q12-q13.1
10	200976_s_at	TAX1BP1	-2.32	1.23E-09	1.78E-06	-1.89	-9.79	7p15
11	212509_s_at		-5.07	3.24E-10	9.39E-07	-1.83	-9.79	
12	222742_s_at	FLJ14117	-2.68	2.52E-10	8.61E-07	-1.81	-9.74	7q22.1
13	212826_s_at	SLC25A6	1.66	4.71E-09	4.92E-06	1.86	9.68	Xp22.32 and Yp
14	217225_x_at	LOC283820	-2.22	8.11E-10	1.41E-06	-1.81	-9.66	16p13.13
15	225002_s_at	DKFZP566I1024	-3.46	1.12E-09	1.78E-06	-1.84	-9.65	7q11.1
16	208852_s_at	CANX	-2.56	4.04E-10	9.60E-07	-1.80	-9.65	5q35
17	201004_at	SSR4	-2.18	7.61E-10	1.41E-06	-1.81	-9.61	Xq28
18	38487_at	STAB1	-4.57	2.89E-09	3.50E-06	-1.81	-9.54	3p21.31
19	208612_at	GRP58	-1.87	5.50E-10	1.20E-06	-1.75	-9.44	15q15
20	224680_at		-3.03	6.65E-10	1.34E-06	-1.73	-9.31	
21	218476_at	POMT1	-2.43	5.43E-09	5.36E-06	-1.77	-9.31	9q34.1
22	205614_x_at	MST1	-7.11	2.94E-09	3.50E-06	-1.77	-9.24	3p21
23	209732_at	CLECSF2	36.27	1.49E-05	1.09E-03	2.89	9.24	12p13-p12
24	241383_at		-3.96	3.48E-09	3.96E-06	-1.75	-9.16	
25	219837_s_at	C17	-18.59	1.26E-08	9.70E-06	-1.84	-9.12	4p16-p15
26	224839_s_at	GPT2	-5.12	1.18E-09	1.78E-06	-1.68	-9.05	16q12.1
27	238058_at		2.96	7.24E-06	7.14E-04	2.23	9.04	
28	218378_s_at	FLJ13902	-2.72	3.97E-09	4.32E-06	-1.71	-9.00	7q22.1
29	205624_at	CPA3	-5.98	6.16E-09	5.75E-06	-1.70	-9.00	3q21-q25
30	204150_at	STAB1	-5.55	2.44E-09	3.18E-06	-1.64	-8.81	3p21.31
31	201622_at	p100	-2.07	3.75E-08	2.13E-05	-1.70	-8.79	7q31.3
32	200757_s_at	CALU	-4.02	8.55E-09	7.20E-06	-1.65	-8.66	7q32
33	202185_at	PLOD3	-3.52	1.01E-08	8.23E-06	-1.64	-8.60	7q22
34	238022_at		-4.63	2.70E-08	1.76E-05	-1.63	-8.54	
35	232008_s_at	BBX	2.48	5.68E-07	1.34E-04	1.75	8.53	3q13.1
36	223486_at	HSPC135	2.25	1.28E-07	4.66E-05	1.67	8.51	3q13.2
37	201069_at	MMP2	-17.56	6.29E-08	2.89E-05	-1.83	-8.50	16q13-q21
38	AFFX-r2-Ec-bioC-5_at - HG-U133A		-2.17	1.93E-08	1.40E-05	-1.64	-8.48	
39	206914_at	CRTAM	4.57	1.02E-06	1.96E-04	1.75	8.44	11q22-q23
40	208730_x_at	RAB2	2.12	5.01E-06	5.74E-04	1.90	8.43	8q12.1
41	225640_at		2.11	2.66E-08	1.76E-05	1.60	8.40	
42	218200_s_at	NDUFB2	-2.63	5.55E-09	5.36E-06	-1.56	-8.40	7q34

Table 2

43 216843_x_at		-2.18	7.37E-09	6.42E-06	-1.56	-8.36	
44 229739_s_at		3.51	4.82E-07	1.21E-04	1.69	8.36	
45 AFFX-r2-Ec-bioC-3_at - HG-U133A		-2.06	2.84E-08	1.81E-05	-1.62	-8.33	
46 210755_at	HGF	-19.15	5.37E-08	2.76E-05	-1.67	-8.32	7q21.1
47 205771_s_at	AKAP7	8.95	2.13E-05	1.43E-03	2.19	8.32	6q23
48 201405_s_at	COPS6	-2.22	6.53E-09	5.88E-06	-1.54	-8.30	7q22.1
49 211990_at	HLA-DPA1	9.70	2.54E-05	1.59E-03	2.23	8.25	6p21.3
50 203484_at	SEC61G	-2.56	1.11E-07	4.21E-05	-1.60	-8.24	7p11.2

2.42 AML_-7 versus AML_t(8;21)

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 204020_at	PURA	3.28	4.49E-09	1.94E-05	1.89	10.28	5q31
2 228827_at		-104.69	4.47E-10	1.21E-05	-1.99	-10.05	
3 206940_s_at	POU4F1	-48.75	1.34E-09	1.21E-05	-1.87	-9.49	13q21.1-q22
4 205529_s_at	CBFA2T1	-15.39	1.99E-09	1.21E-05	-1.73	-9.19	8q22
5 225002_s_at	DKFZP566I1024	-3.32	1.33E-09	1.21E-05	-1.52	-8.71	7q11.1
6 211341_at	POU4F1	-231.00	9.72E-09	3.26E-05	-1.69	-8.54	13q21.1-q22
7 239896_at		-2.48	2.01E-09	1.21E-05	-1.45	-8.41	
8 238147_at	TRIM46	-2.66	3.92E-09	1.94E-05	-1.46	-8.41	1q21.3
9 205528_s_at	CBFA2T1	-36.27	1.23E-08	3.72E-05	-1.63	-8.41	8q22
10 204021_s_at	PURA	3.68	5.70E-06	1.68E-03	1.73	8.13	5q31
11 226032_at	CASP2	-2.11	6.36E-09	2.40E-05	-1.39	-7.98	7q34-q35
12 224680_at		-2.30	1.07E-07	1.34E-04	-1.38	-7.71	
13 232227_at		-6.75	4.88E-08	9.71E-05	-1.41	-7.65	
14 242845_at		-4.94	2.17E-08	5.95E-05	-1.31	-7.55	
15 203198_at	CDK9	2.15	4.44E-06	1.48E-03	1.44	7.34	9q34.1
16 202185_at	PLOD3	-2.05	1.64E-07	1.72E-04	-1.29	-7.30	7q22
17 229406_at		-6.31	3.13E-08	7.88E-05	-1.24	-7.25	
18 202605_at	GUSB	-2.49	6.72E-08	1.13E-04	-1.24	-7.17	7q21.11
19 203859_s_at	PALM	-3.40	4.57E-08	9.71E-05	-1.22	-7.13	19p13.3
20 230370_x_at	MK-STYX	-2.57	4.88E-08	9.71E-05	-1.22	-7.12	7q11.23
21 209168_at		-3.07	5.63E-08	9.99E-05	-1.23	-7.11	
22 218321_x_at	MK-STYX	-2.72	5.15E-08	9.71E-05	-1.21	-7.07	7q11.23
23 201825_s_at	CGI-49	-2.88	8.56E-08	1.28E-04	-1.21	-7.03	1q44
24 201405_s_at	COPS6	-1.92	9.31E-08	1.28E-04	-1.20	-6.99	7q22.1
25 204811_s_at	CACNA2D2	-5.30	2.73E-07	2.35E-04	-1.30	-6.97	3p21.3
26 230650_at		-3.24	7.65E-08	1.21E-04	-1.19	-6.94	
27 232008_s_at	BBX	1.97	4.46E-06	1.48E-03	1.33	6.94	3q13.1
28 214351_x_at	RPL13	1.39	9.10E-08	1.28E-04	1.18	6.88	16q24.3
29 204658_at	HSU53209	-1.96	9.92E-08	1.30E-04	-1.18	-6.86	7p15.3
30 226705_at	FGFR1	-1.86	1.22E-07	1.42E-04	-1.17	-6.80	8p11.2-p11.1
31 207202_s_at	NR1I2	-4.13	1.19E-07	1.42E-04	-1.16	-6.78	3q12-q13.3
32 208445_s_at	BAZ1B	-3.80	1.67E-07	1.72E-04	-1.16	-6.75	7q11.23
33 218236_s_at	PRKCN	7.29	1.11E-04	1.20E-02	1.74	6.71	2p21
34 206622_at	TRH	-26.77	5.58E-07	3.66E-04	-1.27	-6.70	3q13.3-q21
35 204073_s_at	C11orf9	-4.40	1.71E-07	1.72E-04	-1.16	-6.70	11q12-q13.1

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
36	54970_at	DKFZp761I2123	-1.99	1.69E-07	1.72E-04	-1.15	-6.68	7p12.3
37	235468_at		-4.94	2.54E-07	2.26E-04	-1.16	-6.66	
38	209170_s_at	GPM6B	-13.39	4.43E-07	3.26E-04	-1.19	-6.64	Xp22.2
39	209036_s_at	MDH2	-1.86	1.77E-07	1.73E-04	-1.14	-6.63	7p12.3-q11.2
40	223299_at	LOC90701	2.65	2.62E-05	4.45E-03	1.36	6.61	18q21.31
41	225321_s_at	PILR	-2.43	1.95E-07	1.83E-04	-1.13	-6.61	7q22.1
42	213194_at	ROBO1	-41.39	8.06E-07	4.54E-04	-1.24	-6.55	3p12
43	216843_x_at		-1.83	2.27E-07	2.08E-04	-1.12	-6.54	
44	229116_at		-11.78	8.29E-07	4.54E-04	-1.22	-6.52	
45	223575_at	KIAA1549	-3.57	2.96E-07	2.41E-04	-1.12	-6.51	7q34
46	225056_at		-6.36	5.95E-07	3.82E-04	-1.16	-6.50	
47	221073_s_at	CARD4	-1.85	3.54E-07	2.81E-04	-1.13	-6.49	7p15-p14
48	224443_at	MGC14801	-4.76	2.87E-07	2.40E-04	-1.11	-6.48	1q32.2
49	200976_s_at	TAX1BP1	-1.72	3.66E-07	2.83E-04	-1.12	-6.46	7p15
50	213015_at		1.85	1.71E-05	3.40E-03	1.27	6.45	

2.43 AML_5q versus AML_9q

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	211709_s_at	SCGF	-7.28	4.04E-08	1.06E-03	-2.68	-10.70	19q13.3
2	208736_at	ARPC3	-1.90	2.03E-07	2.65E-03	-2.40	-9.56	12q24.11
3	229932_at		3.68	2.21E-05	4.18E-02	2.01	7.59	
4	203938_s_at	TAF1C	-1.94	3.77E-06	3.15E-02	-1.86	-7.42	16q24
5	236895_at		2.65	6.02E-06	3.15E-02	1.83	7.26	
6	212062_at	ATP9A	10.60	1.28E-04	7.30E-02	2.09	7.25	20q13.11-q13.2
7	217751_at	LOC51064	-2.26	5.47E-06	3.15E-02	-1.79	-7.14	7q34
8	237081_at		2.25	7.33E-06	3.20E-02	1.72	6.90	
9	202113_s_at	SNX2	-2.45	1.78E-05	3.87E-02	-1.76	-6.85	5q23
10	214863_at		2.77	1.06E-05	3.87E-02	1.72	6.82	
11	208639_x_at	P5	-2.05	6.27E-05	6.95E-02	-1.81	-6.80	2p25.1
12	201978_s_at	KIAA0141	-3.23	1.27E-05	3.87E-02	-1.67	-6.67	5q31.3
13	236294_at		2.08	1.72E-05	3.87E-02	1.68	6.64	
14	229024_at		2.68	5.60E-05	6.95E-02	1.74	6.64	
15	239856_at		3.72	3.31E-04	8.16E-02	1.99	6.62	
16	206851_at	RNASE3	-4.12	1.74E-05	3.87E-02	-1.66	-6.56	14q24-q31
17	208674_x_at	DDOST	-1.87	2.65E-05	4.61E-02	-1.67	-6.51	1p36.1
18	200095_x_at - HG-U133A	RPS10	1.34	1.75E-05	3.87E-02	1.63	6.47	6p21.31
19	204561_x_at	APOC2	-16.50	1.82E-04	7.38E-02	-2.00	-6.46	19q13.2
20	240191_at		2.44	4.24E-05	5.83E-02	1.66	6.45	
21	227679_at		1.70	4.11E-05	5.83E-02	1.60	6.28	
22	208646_at	RPS14	-2.66	2.24E-05	4.18E-02	-1.56	-6.24	5q31-q33
23	225383_at	ZNF275	1.83	2.34E-04	7.90E-02	1.67	6.10	Xq28
24	232781_at		1.65	1.47E-04	7.30E-02	1.60	6.03	
25	229611_at	LMLN	1.61	3.61E-05	5.74E-02	1.51	6.03	
26	202843_at	DNAJB9	2.02	1.73E-04	7.38E-02	1.59	5.98	7q31
27	207974_s_at	SKP1A	-1.99	3.73E-05	5.74E-02	-1.48	-5.92	5q31
28	201049_s_at	RPS18	1.28	6.07E-05	6.95E-02	1.50	5.91	6p21.3

3

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
29 231764_at	CHRAC1	1.57	1.21E-04	7.30E-02	1.52	5.86	8q24.3
30 232491_at		2.73	2.13E-04	7.77E-02	1.56	5.84	
31 208717_at	OXA1L	-1.99	1.21E-04	7.30E-02	-1.52	-5.80	14q11.2
32 202298_at	NDUFA1	-2.03	6.86E-05	7.17E-02	-1.47	-5.80	Xq24
33 209439_s_at	PHKA2	-1.94	9.28E-05	7.30E-02	-1.48	-5.76	Xp22.2-p22.1
34 227056_at		-2.04	1.42E-04	7.30E-02	-1.51	-5.74	
35 226547_at		2.20	5.26E-05	6.88E-02	1.43	5.72	
36 223990_at	DKFZP434G072	2.05	6.38E-05	6.95E-02	1.41	5.63	4q22.3
37 218436_at	SIL1	-2.90	9.59E-05	7.30E-02	-1.42	-5.62	5q31
38 238963_at	MGC2734	2.61	3.60E-04	8.30E-02	1.52	5.61	9q33.3
39 231101_at	PPP2R5E	1.88	3.79E-04	8.40E-02	1.52	5.60	14q23.1
40 243406_at		2.09	1.32E-04	7.30E-02	1.43	5.59	
41 216032_s_at	SDBCAG84	-2.65	2.36E-04	7.90E-02	-1.50	-5.58	20pter-q12
42 201432_at	CAT	-1.46	8.93E-05	7.30E-02	-1.41	-5.58	11p13
43 224062_x_at	KLK4	2.05	1.29E-04	7.30E-02	1.43	5.56	19q13.41
44 241319_at		1.93	1.31E-04	7.30E-02	1.42	5.55	
45 208243_s_at	CNR1	2.14	1.98E-04	7.56E-02	1.44	5.54	6q14-q15
46 218383_at	C14orf94	-2.01	1.17E-04	7.30E-02	-1.41	-5.53	14q11.2
47 234998_at		2.30	7.49E-05	7.30E-02	1.38	5.53	
48 244751_at	MGC41903	-1.81	1.83E-04	7.38E-02	-1.44	-5.52	19p13.2
49 200674_s_at	RPL32	1.25	7.81E-05	7.30E-02	1.38	5.51	3p25-p24
50 223834_at	B7-H1	2.19	2.13E-04	7.77E-02	1.43	5.51	9p24

2.44 AML_5q versus AML_MLL

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 208843_s_at	GORASP2	1.96	1.32E-07	9.48E-05	2.09	11.16	2p24.3-q21.3
2 201105_at	LGALS1	-8.23	4.09E-11	2.72E-07	-1.70	-10.44	22q13.1
3 228526_at		-3.71	9.58E-12	1.11E-07	-1.66	-10.35	
4 228083_at	CACNA2D4	-14.34	1.06E-11	1.11E-07	-1.64	-10.05	12p13.33
5 202259_s_at	CG005	2.30	2.99E-06	7.14E-04	2.02	9.96	13q12-q13
6 209705_at		2.16	7.19E-06	1.22E-03	2.01	9.59	
7 202423_at	RUNXBP2	2.21	3.74E-06	8.23E-04	1.93	9.59	8p11
8 204082_at	PBX3	-7.48	1.25E-11	1.11E-07	-1.51	-9.54	9q33-q34
9 200952_s_at	CCND2	2.62	1.39E-06	4.56E-04	1.81	9.46	12p13
10 202843_at	DNAJB9	3.72	1.76E-05	2.16E-03	2.03	9.19	7q31
11 224916_at		-4.45	1.23E-10	5.46E-07	-1.46	-9.03	
12 213372_at	LOC152559	2.34	1.10E-06	4.15E-04	1.65	8.92	4q21.21
13 214651_s_at	HOXA9	-2.82	1.15E-10	5.46E-07	-1.40	-8.85	7p15-p14
14 208717_at	OXA1L	-2.34	1.93E-10	7.35E-07	-1.37	-8.64	14q11.2
15 206555_s_at	FLJ20274	2.00	8.06E-06	1.29E-03	1.69	8.51	16p13.11
16 226547_at		2.50	9.04E-06	1.37E-03	1.66	8.39	
17 227045_at		2.20	2.62E-06	6.65E-04	1.56	8.36	
18 200764_s_at	CTNNA1	-2.22	1.58E-09	4.21E-06	-1.31	-8.18	5q31
19 216032_s_at	SDBCAG84	-3.57	7.89E-10	2.63E-06	-1.30	-8.18	20pter-q12
20 213025_at	FLJ20274	2.36	2.19E-05	2.46E-03	1.67	8.08	16p13.11
21 206648_at	HSPC059	3.76	3.31E-05	3.22E-03	1.72	8.07	19q13.12

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
22	230872_s_at	DKFZP434B103	-6.71	2.88E-09	6.99E-06	-1.31	-7.99	3p25.3
23	209329_x_at	MGC2198	-1.95	1.44E-08	1.90E-05	-1.29	-7.94	5q35.3
24	228138_at		1.53	3.92E-09	8.70E-06	1.26	7.91	
25	211016_x_at	HSPA4	-2.10	1.51E-09	4.21E-06	-1.25	-7.91	5q31.1-q31.2
26	211709_s_at	SCGF	-6.11	1.21E-08	1.86E-05	-1.26	-7.80	19q13.3
27	225621_at	FLJ14511	2.72	1.96E-05	2.35E-03	1.56	7.79	9q22.33
28	208882_s_at	DD5	2.13	1.61E-05	2.02E-03	1.53	7.75	8q22
29	200602_at	APP	15.56	1.92E-04	9.90E-03	2.17	7.71	21q21.3
30	208967_s_at	AK2	-3.50	5.37E-09	9.90E-06	-1.24	-7.66	1p34
31	208673_s_at	SFRS3	1.76	2.00E-06	5.72E-04	1.36	7.61	6p21
32	236398_s_at		-4.19	4.75E-09	9.74E-06	-1.20	-7.60	
33	211063_s_at	NCK1	2.57	9.92E-05	6.55E-03	1.76	7.60	3q21
34	226867_at	FLJ20686	3.30	1.23E-04	7.63E-03	1.83	7.59	9p21.3
35	214500_at	H2AFY	-9.84	5.57E-09	9.90E-06	-1.21	-7.58	5q31.3-q32
36	234998_at		2.22	9.66E-05	6.49E-03	1.75	7.58	
37	207236_at	ZNF345	2.42	2.93E-08	3.30E-05	1.23	7.56	19q13.12
38	208608_s_at	SNTB1	-3.31	1.50E-08	1.90E-05	-1.19	-7.43	8q23-q24
39	212751_at	UBE2N	1.85	1.38E-05	1.83E-03	1.40	7.36	12q22
40	213151_s_at	CDC10	1.60	1.20E-05	1.68E-03	1.38	7.34	7p14.3-p14.1
41	223703_at	CDA017	-3.11	9.63E-09	1.60E-05	-1.15	-7.30	10q23.1
42	201225_s_at	SRRM1	1.85	7.84E-05	5.60E-03	1.57	7.28	1p36.11
43	200829_x_at	ZNF207	1.99	1.49E-04	8.55E-03	1.73	7.27	17q11.2
44	205382_s_at	DF	-6.20	1.26E-08	1.86E-05	-1.16	-7.27	19p13.3
45	219360_s_at	TRPM4	-92.10	3.47E-08	3.70E-05	-1.25	-7.21	19q13.33
46	229024_at		2.84	5.11E-05	4.42E-03	1.48	7.20	
47	212213_x_at	OPA1	1.80	3.43E-05	3.29E-03	1.42	7.18	3q28-q29
48	209905_at	HOXA9	-3.44	1.48E-08	1.90E-05	-1.13	-7.16	7p15-p14
49	202242_at	TM4SF2	3.15	1.38E-04	8.16E-03	1.65	7.16	Xq11.4
50	235697_at		1.77	2.56E-05	2.76E-03	1.39	7.16	

2.45 AML_5q versus AML_inv(16)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	205382_s_at	DF	-6.74	8.81E-13	2.48E-08	-2.08	-11.78	19p13.3
2	201496_x_at	MYH11	-14.41	1.09E-11	1.42E-07	-2.14	-11.57	16p13.13-p13.12
3	201497_x_at	MYH11	-29.85	4.50E-11	3.17E-07	-2.21	-11.26	16p13.13-p13.12
4	209365_s_at	ECM1	-3.79	1.52E-11	1.42E-07	-1.86	-10.50	1q21
5	208717_at	OXA1L	-2.17	2.70E-10	1.52E-06	-1.75	-9.81	14q11.2
6	202259_s_at	CG005	2.28	1.74E-06	6.88E-04	1.99	9.55	13q12-q13
7	223839_s_at	SCD	8.06	2.08E-05	3.93E-03	2.32	9.50	10q23-q24
8	200982_s_at	ANXA6	-5.20	5.19E-10	2.43E-06	-1.65	-9.21	5q32-q34
9	217963_s_at	NGFRAP1	22.52	7.58E-05	9.17E-03	2.81	9.20	Xq22.1
10	210024_s_at	UBE2E3	2.76	7.34E-09	1.72E-05	1.64	9.01	2q32.1
11	214651_s_at	HOXA9	7.83	4.89E-05	7.12E-03	2.19	8.70	7p15-p14
12	206380_s_at	PFC	-10.82	2.67E-09	7.52E-06	-1.57	-8.66	Xp11.3-p11.23
13	204197_s_at	RUNX3	3.69	5.91E-05	8.03E-03	2.19	8.57	1p36
14	236091_at		-3.38	1.69E-09	6.79E-06	-1.51	-8.51	

Table 2

	affy id	HUGO name	fc	p	q	stn	t	Map Location
15	200665_s_at	SPARC	-4.26	5.97E-08	8.84E-05	-1.56		-8.45 5q31.3-q32
16	206956_at	BGLAP	-3.31	2.53E-09	7.52E-06	-1.50		-8.42 1q25-q31
17	212099_at		-4.22	2.24E-09	7.52E-06	-1.49		-8.40
18	216015_s_at	CIAS1	-6.96	4.34E-09	1.11E-05	-1.45		-8.19 1q44
19	200093_s_at - HG-U133B	HINT1	-1.67	2.81E-06	9.88E-04	-1.64		-8.19 5q31.2
20	209190_s_at	DIAPH1	-2.28	5.95E-07	3.52E-04	-1.53		-8.03 5q31
21	205076_s_at	CRA	-5.73	1.56E-08	3.38E-05	-1.47		-8.02 1q12-q21
22	201811_x_at	SH3BP5	6.70	1.23E-04	1.24E-02	2.16		7.98 3p24.3
23	201360_at	CST3	-5.08	2.02E-08	3.56E-05	-1.43		-7.97 20p11.21
24	224916_at		-3.64	1.93E-08	3.56E-05	-1.43		-7.88
25	212062_at	ATP9A	16.59	1.81E-04	1.50E-02	2.36		7.88 20q13.11-q13.2
26	211709_s_at	SCGF	-5.03	7.59E-07	3.75E-04	-1.49		-7.83 19q13.3
27	224952_at	DKFZP564D166	4.92	9.83E-05	1.09E-02	1.97		7.81 17q23.3
28	213228_at	PDE8B	1.86	7.72E-07	3.75E-04	1.48		7.79 5q13.2
29	204198_s_at	RUNX3	9.52	1.87E-04	1.51E-02	2.30		7.79 1p36
30	231736_x_at	MGST1	-3.53	4.06E-08	6.72E-05	-1.40		-7.77 12p12.3-p12.1
31	202340_x_at	NR4A1	-7.43	1.72E-08	3.46E-05	-1.35		-7.63 12q13
32	212906_at	KIAA1201	2.26	1.32E-05	2.93E-03	1.59		7.63 11q24.1
33	207961_x_at	MYH11	-13.70	4.84E-08	7.57E-05	-1.40		-7.59 16p13.13-p13.12
34	213372_at	LOC152559	2.12	1.32E-06	5.72E-04	1.44		7.56 4q21.21
35	218772_x_at	FLJ10493	3.44	3.13E-05	5.15E-03	1.64		7.54 9q31.2
36	241525_at	LOC200772	-54.84	8.52E-08	1.03E-04	-1.46		-7.53 2q37.3
37	200984_s_at	CD59	4.96	2.27E-04	1.71E-02	2.11		7.41 11p13
38	218132_s_at	LENG5	1.74	3.78E-07	2.80E-04	1.36		7.40 19q13.4
39	224918_x_at	MGST1	-3.10	4.43E-07	3.11E-04	-1.36		-7.39 12p12.3-p12.1
40	239307_at	MYH11	2.16	3.57E-06	1.15E-03	1.42		7.33 16p13.13-p13.12
41	212751_at	UBE2N	1.74	6.05E-05	8.05E-03	1.65		7.31 12q22
42	205718_at	ITGB7	-3.25	7.33E-07	3.75E-04	-1.36		-7.30 12q13.13
43	204567_s_at	ABCG1	4.35	1.68E-04	1.45E-02	1.87		7.29 21q22.3
44	218414_s_at	NUDE1	2.62	1.79E-04	1.49E-02	1.89		7.28 16p13.11
45	208894_at	HLA-DRA	-4.54	1.56E-07	1.60E-04	-1.30		-7.24 6p21.3
46	235381_at		1.82	1.36E-07	1.47E-04	1.30		7.24
47	220099_s_at	CGI-59	1.64	4.53E-07	3.11E-04	1.33		7.24 7q34
48	238151_at		-3.52	3.04E-05	5.06E-03	-1.53		-7.22
49	212358_at	CLIPR-59	-9.23	7.06E-08	9.46E-05	-1.28		-7.19 19q13.12
50	211474_s_at	SERPINB6	-2.77	6.79E-08	9.46E-05	-1.26		-7.12 6p25

2.46 AML_5q versus AML_inv(3)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	206860_s_at	FLJ20323	1.68	4.94E-06	1.58E-02	1.79		8.09 7p22-p21
2	222047_s_at	ARS2	1.71	8.78E-06	1.74E-02	1.78		7.92 7q21
3	213151_s_at	CDC10	1.89	4.47E-07	3.01E-03	1.60		7.77 7p14.3-p14.1
4	220099_s_at	CGI-59	1.73	3.67E-07	3.01E-03	1.48		7.32 7q34
5	200093_s_at - HG-U133B	HINT1	-1.76	4.34E-07	3.01E-03	-1.48		-7.30 5q31.2
6	212318_at	TRN-SR	2.40	8.18E-05	5.99E-02	1.80		7.29 7q32.2
7	218601_at	URG4	2.18	2.70E-07	3.01E-03	1.46		7.28 7p13

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location	
8	203538_at	CAMLG	-2.30	4.00E-07	3.01E-03	-1.46	-7.22	5q23	
9	213951_s_at	HUMGT198A	2.41	1.59E-04	7.73E-02	1.75	6.88	17q12-q21	
10	221505_at	LANPL	2.06	7.83E-05	5.86E-02	1.59	6.75	1q21.2	
11	224767_at		-4.68	1.02E-06	5.75E-03	-1.35	-6.69		
12	218039_at	ANKT	3.12	1.95E-04	8.10E-02	1.66	6.58	15q14	
13	202843_at	DNAJB9	2.42	2.70E-05	3.37E-02	1.39	6.43	7q31	
14	206295_at	IL18	-3.15	2.20E-06	1.06E-02	-1.28	-6.35	11q22.2-q22.3	
15	208826_x_at	HINT1	-1.42	9.93E-06	1.76E-02	-1.31	-6.29	5q31.2	
16	204817_at	ESPL1	2.58	3.22E-04	1.05E-01	1.62	6.28		8
17	200043_at - HG-U133A	ERH	1.79	1.39E-05	2.23E-02	1.32	6.28	14q24.1	
18	227708_at	EEF1A1	-2.20	5.69E-06	1.58E-02	-1.28	-6.26	6q14.1	
19	208843_s_at	GORASP2	1.57	3.46E-06	1.29E-02	1.26	6.26	2p24.3-q21.3	
20	201978_s_at	KIAA0141	-3.17	7.03E-06	1.58E-02	-1.25	-6.14	5q31.3	
21	228526_at		-2.71	3.06E-06	1.29E-02	-1.22	-6.12		
22	201453_x_at	RHEB2	1.83	3.46E-05	3.87E-02	1.31	6.10	7q36	
23	45633_at	FLJ13912	2.49	2.05E-04	8.43E-02	1.43	6.02	16q12.2	
24	204146_at	PIR51	3.91	3.72E-04	1.10E-01	1.50	5.97	12p13.2-p13.1	
25	218421_at	CERK	1.68	1.87E-04	7.89E-02	1.39	5.95	22q13.31	
26	214863_at		2.07	6.14E-06	1.58E-02	1.19	5.93		
27	212785_s_at	HDCMA18P	1.50	6.13E-06	1.58E-02	1.19	5.92	4q25	
28	219510_at	POLQ	2.06	2.10E-04	8.53E-02	1.37	5.86	3q13.33	
29	201496_x_at	MYH11	-4.20	6.93E-06	1.58E-02	-1.18	-5.85	16p13.13-p13.12	
30	202705_at	CCNB2	3.05	3.91E-04	1.10E-01	1.46	5.85	15q21.2	
31	226032_at	CASP2	1.97	2.83E-04	9.78E-02	1.38	5.81	7q34-q35	
32	227778_at		1.64	7.71E-06	1.62E-02	1.15	5.73		
33	227056_at		-2.51	1.58E-05	2.41E-02	-1.19	-5.70		
34	212711_at	DKFZp434G2311	1.44	9.62E-06	1.76E-02	1.14	5.67	9q34.3	
35	206066_s_at	RAD51C	1.67	5.07E-05	4.66E-02	1.19	5.64	17q22-q23	
36	213970_at		1.85	1.27E-05	2.14E-02	1.13	5.61		
37	200651_at	GNB2L1	-1.35	1.76E-05	2.42E-02	-1.12	-5.55	5q35.3	
38	203467_at	PMM1	2.04	1.80E-05	2.42E-02	1.12	5.54	22q13.2	
39	224741_x_at		-1.68	1.57E-04	7.73E-02	-1.21	-5.50		
40	228138_at		1.48	1.68E-05	2.42E-02	1.11	5.48		
41	204591_at	CHL1	3.40	6.60E-04	1.43E-01	1.35	5.42	3p26.1	
42	242957_at	FLJ32009	2.45	2.62E-04	9.58E-02	1.22	5.41	11q12.2	
43	202589_at	TYMS	2.65	6.06E-04	1.35E-01	1.33	5.40	18p11.32	
44	225533_at	DKFZP727G051	1.75	2.29E-05	2.97E-02	1.09	5.40	9q33.3	
45	204444_at	KIF11	3.20	8.24E-04	1.56E-01	1.36	5.34	10q24.1	
46	200593_s_at	HNRPU	1.52	5.96E-05	4.94E-02	1.10	5.33	1q44	
47	201997_s_at	SHARP	1.50	3.28E-05	3.87E-02	1.08	5.33	1p36.33-p36.11	
48	207547_s_at	TU3A	1.60	8.94E-05	6.14E-02	1.12	5.32	3p21.1	
49	201705_at	PSMD7	1.67	1.56E-04	7.73E-02	1.15	5.30	16q23-q24	
50	221952_x_at	KIAA1393	1.69	2.70E-04	9.64E-02	1.18	5.28	14q23.1	

2.47 AML_5q versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location

Table 2

1	236091_at		-4.35	6.49E-08	1.62E-03	-1.07	-6.74
2	231807_at	DKFZP761L0424	-4.58	9.16E-08	1.62E-03	-1.02	-6.54 10p11.22
3	208628_s_at	NSEP1	-1.34	2.16E-06	8.64E-03	-1.08	-6.47 1p34
4	234801_s_at	ACAS2L	-2.52	7.74E-06	1.34E-02	-1.05	-6.17 20p11.23-p11.21
5	227208_at	RPS25	-1.78	7.57E-07	8.64E-03	-0.93	-5.92 11q23.3
6	237423_at		-6.01	1.32E-06	8.64E-03	-0.93	-5.80
7	240074_at		-3.83	1.04E-06	8.64E-03	-0.90	-5.79
8	202843_at	DNAJB9	2.03	9.48E-05	4.12E-02	1.04	5.67 7q31
9	232478_at		-2.13	2.45E-06	8.64E-03	-0.87	-5.57
10	207563_s_at	OGT	-1.82	5.70E-06	1.18E-02	-0.89	-5.57 Xq13
11	233151_s_at	TTTY7	-2.80	2.25E-06	8.64E-03	-0.87	-5.55 Y
12	230398_at	CTEN	-2.04	2.18E-06	8.64E-03	-0.87	-5.55 17q21.1
13	233119_at		-2.25	2.22E-06	8.64E-03	-0.87	-5.55
14	230872_s_at	DKFZP434B103	-4.10	3.27E-06	9.90E-03	-0.88	-5.51 3p25.3
15	228450_at	LOC144100	-3.02	3.78E-06	9.90E-03	-0.86	-5.45 11p15.1
16	231480_at		-4.69	4.90E-06	1.12E-02	-0.88	-5.40
17	210639_s_at	APG5L	-1.59	3.93E-06	9.90E-03	-0.84	-5.39 6q21
18	225482_at	ATSV	-1.59	3.72E-06	9.90E-03	-0.84	-5.39 2q37
19	238951_at		-6.69	5.06E-06	1.12E-02	-0.87	-5.38
20	242450_at	FLJ90406	-3.02	2.11E-05	2.15E-02	-0.88	-5.34 5q15
21	236998_at	HSPC009	-2.43	1.85E-05	2.11E-02	-0.86	-5.27 17q21
22	232177_at		-2.29	1.05E-05	1.69E-02	-0.84	-5.27
23	243201_at		-2.27	6.63E-06	1.30E-02	-0.83	-5.26
24	243503_at		-3.28	7.66E-06	1.34E-02	-0.81	-5.17
25	234148_at		-3.87	7.95E-06	1.34E-02	-0.81	-5.15
26	237330_at		-2.88	1.66E-05	2.06E-02	-0.82	-5.15
27	207809_s_at	ATP6IP1	-1.66	5.07E-05	3.11E-02	-0.85	-5.10 Xq28
28	201104_x_at	DJ328E19.C1.1	-1.52	1.34E-05	1.88E-02	-0.79	-5.02 1q12-1q21.2
29	210701_at	CFDP1	-3.31	1.17E-05	1.80E-02	-0.78	-5.02 16q22.2-q22.3
30	235847_at		-2.26	4.58E-05	3.05E-02	-0.82	-5.00
31	209561_at	THBS3	-1.91	1.38E-05	1.88E-02	-0.78	-4.99 1q21
32	244548_at		-3.58	1.38E-05	1.88E-02	-0.78	-4.97
33	201731_s_at	TPR	-1.45	8.35E-05	3.98E-02	-0.84	-4.97 1q25
34	216404_at	SCA8	-3.59	1.69E-05	2.06E-02	-0.79	-4.97 13q21
35	232867_at		-1.97	1.48E-05	1.94E-02	-0.77	-4.96
36	213928_s_at		1.93	7.48E-05	3.82E-02	0.83	4.95
37	237078_at		-2.16	3.70E-05	3.05E-02	-0.79	-4.93
38	228655_at		-1.76	1.79E-05	2.11E-02	-0.76	-4.89
39	233494_at		-2.84	1.93E-05	2.13E-02	-0.76	-4.88
40	202593_s_at	MIR16	-2.21	2.12E-05	2.15E-02	-0.77	-4.87 16p12-p11.2
41	234077_at		-2.17	2.13E-05	2.15E-02	-0.76	-4.83
42	230880_at	KIAA1652	-2.89	2.32E-05	2.28E-02	-0.75	-4.81
43	239220_at		-1.72	3.86E-05	3.05E-02	-0.76	-4.79
44	208608_s_at	SNTB1	-2.47	3.51E-05	3.05E-02	-0.75	-4.77 8q23-q24
45	232744_x_at		-1.68	2.62E-05	2.50E-02	-0.74	-4.77
46	220202_s_at	MNAB	-1.67	6.54E-05	3.61E-02	-0.77	-4.75 9q34
47	232757_at		-2.55	3.27E-05	2.96E-02	-0.74	-4.73
48	239259_at		-2.49	3.01E-05	2.80E-02	-0.74	-4.73

Table 2

#	affy id		HUGO name	fc	p	q	stn	t	Map Location
49	225206_s_at		LOC54516	-1.64	4.50E-05	3.05E-02	-0.74	-4.70	6q25-q26
50	211574_s_at		MCP	-1.67	1.98E-04	4.80E-02	-0.80	-4.70	1q32

2.48 AML_5q versus AML_normal

#	affy id		HUGO name	fc	p	q	stn	t	Map Location
1	205366_s_at		HOXB6	-43.12	6.98E-33	2.49E-28	-1.20	-15.24	17q21.3
2	224916_at			-3.85	4.43E-27	3.95E-23	-1.18	-14.79	
3	228904_at			-8.47	6.97E-28	1.24E-23	-1.06	-13.55	
4	236892_s_at			-14.29	1.12E-27	1.33E-23	-1.06	-13.51	
5	205382_s_at		DF	-6.07	4.17E-17	1.49E-13	-1.15	-13.48	19p13.3
6	239791_at			-12.53	1.07E-23	6.38E-20	-1.03	-12.91	
7	230872_s_at		DKFZP434B103	-6.32	1.04E-25	7.46E-22	-0.99	-12.63	3p25.3
8	238021_s_at			-9.02	1.47E-21	7.50E-18	-0.97	-12.09	
9	205601_s_at		HOXB5	-2.93	1.87E-14	4.44E-11	-1.03	-11.85	17q21.3
10	217379_at			-1.99	6.15E-18	2.44E-14	-0.95	-11.54	
11	227056_at			-2.01	1.22E-08	7.19E-06	-1.15	-11.20	
12	213110_s_at		COL4A5	-6.52	8.07E-19	3.60E-15	-0.89	-11.05	Xq22
13	200093_s_at - HG-U133B		HINT1	-1.85	5.12E-07	1.54E-04	-1.29	-10.95	5q31.2
14	232979_at			-4.25	7.03E-17	2.28E-13	-0.86	-10.62	
15	216032_s_at		SDBCAG84	-2.74	4.38E-13	9.78E-10	-0.91	-10.56	20pter-q12
16	231175_at		FLJ30162	-6.38	2.11E-16	6.29E-13	-0.81	-10.06	6p11.1
17	205899_at		CCNA1	-5.41	9.05E-13	1.70E-09	-0.85	-9.91	13q12.3-q13
18	228526_at			-2.87	2.53E-08	1.27E-05	-0.97	-9.78	
19	223696_at			-2.95	6.19E-13	1.30E-09	-0.82	-9.72	
20	221750_at		HMGCS1	1.73	8.29E-06	1.57E-03	1.33	9.69	5p14-p13
21	204082_at		PBX3	-4.51	2.91E-08	1.44E-05	-0.94	-9.53	9q33-q34
22	238022_at			-6.34	1.24E-11	1.77E-08	-0.82	-9.52	
23	233825_s_at		CD99L2	-3.07	1.61E-08	9.20E-06	-0.92	-9.50	Xq28
24	224767_at			-3.62	1.54E-07	5.87E-05	-0.99	-9.50	
25	236091_at			-2.88	3.84E-11	4.72E-08	-0.82	-9.38	
26	208717_at		OXA1L	-1.84	5.08E-08	2.35E-05	-0.91	-9.21	14q11.2
27	211016_x_at		HSPA4	-1.70	1.65E-08	9.21E-06	-0.88	-9.18	5q31.1-q31.2
28	202593_s_at		MIR16	-1.94	2.30E-11	2.93E-08	-0.77	-8.98	16p12-p11.2
29	211922_s_at		CAT	-4.31	9.58E-16	2.63E-12	-0.70	-8.94	11p13
30	208826_x_at		HINT1	-1.51	2.42E-06	5.58E-04	-1.02	-8.86	5q31.2
31	202113_s_at		SNX2	-2.18	6.03E-08	2.76E-05	-0.86	-8.83	5q23
32	238951_at			-5.14	1.25E-14	3.19E-11	-0.70	-8.78	
33	224968_at		MGC15407	-1.86	1.52E-07	5.85E-05	-0.88	-8.76	2p16.1
34	202259_s_at		CG005	1.88	3.01E-05	4.07E-03	1.26	8.63	13q12-q13
35	222422_s_at		NDFIP1	-2.39	1.23E-08	7.19E-06	-0.80	-8.61	5q31.3
36	206967_at		CCNT1	-2.07	1.63E-12	2.76E-09	-0.70	-8.59	12pter-qter
37	208843_s_at		GORASP2	1.54	9.69E-06	1.73E-03	1.06	8.50	2p24.3-q21.3
38	231736_x_at		MGST1	-3.00	2.66E-06	5.97E-04	-0.94	-8.41	12p12.3-p12.1
39	208967_s_at		AK2	-2.06	1.41E-10	1.48E-07	-0.72	-8.39	1p34
40	244548_at			-3.90	8.27E-12	1.23E-08	-0.69	-8.38	
41	236738_at			-5.67	2.06E-12	3.35E-09	-0.67	-8.27	

Table 2

42 208629_s_at	HADHA	-2.12	7.59E-10	6.95E-07	-0.72	-8.24	2p23
43 213228_at	PDE8B	1.70	1.59E-05	2.54E-03	1.04	8.23	5q13.2
44 226817_at		-3.81	1.00E-10	1.08E-07	-0.68	-8.10	
45 200764_s_at	CTNNA1	-1.82	6.58E-07	1.91E-04	-0.83	-8.10	5q31
46 201635_s_at	FXR1	-2.28	7.31E-10	6.87E-07	-0.70	-8.09	3q28
47 210844_x_at	CTNNA1	-2.08	2.17E-06	5.18E-04	-0.86	-8.05	5q31
48 210549_s_at	CCL23	-11.04	7.17E-13	1.42E-09	-0.63	-8.00	17q12
49 206562_s_at	CSNK1A1	-1.88	2.65E-05	3.70E-03	-1.05	-8.00	5q32
50 230757_at		-3.12	3.26E-09	2.53E-06	-0.70	-7.99	

2.49 AML_5q versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	205382_s_at	DF	-14.36	2.60E-15	6.01E-11	-3.72	-18.89	19p13.3
2	216032_s_at	SDBCAG84	-5.24	1.67E-14	1.93E-10	-3.18	-16.38	20pter-q12
3	212953_x_at	CALR	-3.54	1.35E-13	6.23E-10	-3.12	-15.80	19p13.3-p13.2
4	231736_x_at	MGST1	-6.71	4.48E-14	3.45E-10	-2.94	-15.25	12p12.3-p12.1
5	224918_x_at	MGST1	-5.64	8.01E-13	2.39E-09	-2.92	-14.98	12p12.3-p12.1
6	214450_at	CTSW	-9.46	1.16E-13	6.23E-10	-2.79	-14.48	11q13.1
7	38487_at	STAB1	-9.26	2.52E-13	9.71E-10	-2.75	-14.21	3p21.31
8	238022_at		-14.29	8.27E-13	2.39E-09	-2.71	-13.90	
9	208689_s_at	RPN2	-2.50	1.68E-08	1.14E-05	-2.49	-11.97	20q12-q13.1
10	214575_s_at	AZU1	-7.22	1.08E-11	2.78E-08	-2.31	-11.97	19p13.3
11	213150_at	HOXA10	17.73	1.61E-05	1.27E-03	3.57	11.78	7p15-p14
12	208675_s_at	DDOST	-2.97	3.41E-10	5.25E-07	-2.25	-11.45	1p36.1
13	208852_s_at	CANX	-2.56	4.97E-11	1.15E-07	-2.20	-11.30	5q35
14	211709_s_at	SCGF	-7.66	2.84E-10	4.69E-07	-2.16	-11.07	19q13.3
15	217945_at	BTBD1	2.90	6.98E-07	1.47E-04	2.41	10.83	15q24
16	204949_at	ICAM3	2.58	8.96E-11	1.88E-07	2.06	10.68	19p13.3-p13.2
17	204150_at	STAB1	-10.27	4.73E-10	5.95E-07	-2.12	-10.64	3p21.31
18	210788_s_at	retSDR4	-2.75	2.26E-10	4.04E-07	-2.03	-10.48	14q22.3
19	200008_s_at - HG-U133A	GDI2	-3.21	9.80E-10	1.04E-06	-2.04	-10.43	10p15
20	205624_at	CPA3	-7.13	4.06E-10	5.86E-07	-2.01	-10.38	3q21-q25
21	209215_at	TETRAN	-2.74	2.27E-10	4.04E-07	-2.00	-10.34	4p16.3
22	214651_s_at	HOXA9	83.98	4.91E-05	2.52E-03	3.76	10.28	7p15-p14
23	229168_at	DKFZp434K0621	-4.90	4.89E-10	5.95E-07	-2.02	-10.28	5q35.3
24	224473_x_at	KIAA1813	2.38	3.38E-06	4.44E-04	2.35	10.16	10q24
25	208826_x_at	HINT1	-1.57	1.27E-06	2.29E-04	-2.23	-10.07	5q31.2
26	211934_x_at	G2AN	-4.10	4.42E-10	5.95E-07	-1.91	-9.94	11q12.2
27	218132_s_at	LENG5	2.67	1.50E-09	1.34E-06	1.92	9.86	19q13.4
28	238021_s_at		-11.61	2.21E-09	1.83E-06	-1.96	-9.80	
29	210338_s_at	HSPA8	-7.33	6.22E-10	7.19E-07	-1.88	-9.74	11q24.1
30	217379_at		-2.16	1.16E-09	1.11E-06	-1.89	-9.68	
31	201596_x_at	KRT18	-7.29	9.86E-10	1.04E-06	-1.84	-9.54	12q13
32	233072_at	KIAA1857	-6.46	1.29E-09	1.19E-06	-1.83	-9.49	9q34
33	206555_s_at	FLJ20274	2.62	2.16E-07	6.82E-05	1.96	9.45	16p13.11
34	213147_at	HOXA10	11.43	5.86E-05	2.84E-03	2.83	9.44	7p15-p14

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
35	200656_s_at	P4HB	-5.40	1.10E-09	1.11E-06	-1.81	-9.40	17q25
36	205614_x_at	MST1	-6.91	4.06E-09	3.12E-06	-1.87	-9.38	3p21
37	200093_s_at - HG-U133B	HINT1	-1.77	7.36E-07	1.53E-04	-1.98	-9.32	5q31.2
38	218772_x_at	FLJ10493	5.66	2.65E-05	1.73E-03	2.39	9.31	9q31.2
39	AFFX-HUMGAPDH/M33197_5_at - HG-U133A	GAPD	-2.84	1.72E-07	6.03E-05	-1.90	-9.28	12p13
40	221500_s_at	NPEPL1	2.08	4.60E-06	5.45E-04	2.09	9.25	20q13.32
41	208629_s_at	HADHA	-3.15	2.89E-09	2.30E-06	-1.80	-9.22	2p23
42	228526_at		-3.51	1.87E-09	1.60E-06	-1.77	-9.21	
43	236787_at		-7.47	8.18E-09	5.91E-06	-1.82	-9.12	
44	220798_x_at	FLJ11535	-3.75	6.17E-09	4.60E-06	-1.76	-9.05	19p13.3
45	227999_at	LOC170394	3.21	9.66E-06	9.14E-04	2.10	9.03	10q26.3
46	203948_s_at	MPO	-4.37	8.71E-06	8.45E-04	-2.09	-9.03	17q23.1
47	201177_s_at	UBA2	2.73	1.75E-07	6.03E-05	1.82	8.95	19q12
48	207375_s_at	IL15RA	5.28	3.56E-05	2.11E-03	2.28	8.89	10p15-p14
49	222047_s_at	ARS2	1.82	5.65E-06	6.30E-04	2.00	8.88	7q21
50	210024_s_at	UBE2E3	1.90	5.16E-06	5.84E-04	1.98	8.86	2q32.1

2.5 AML_5q versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	218132_s_at	LENG5	2.51	1.76E-08	5.25E-05	2.42	12.27	19q13.4
2	213150_at	HOXA10	22.81	1.69E-05	4.29E-03	3.76	12.00	7p15-p14
3	214651_s_at	HOXA9	73.42	4.95E-05	8.52E-03	3.71	10.26	7p15-p14
4	228827_at		-51.55	5.28E-10	1.57E-05	-1.93	-9.93	
5	217963_s_at	NGFRAP1	33.85	7.77E-05	1.14E-02	3.16	9.41	Xq22.1
6	202259_s_at	CG005	2.23	2.03E-06	1.21E-03	1.95	9.38	13q12-q13
7	206940_s_at	POU4F1	-27.71	1.77E-09	2.64E-05	-1.81	-9.33	13q21.1-q22
8	201997_s_at	SHARP	1.99	1.02E-07	1.78E-04	1.78	9.30	1p36.33-p36.11
9	213151_s_at	CDC10	1.79	4.53E-06	1.85E-03	1.92	9.03	7p14.3-p14.1
10	211709_s_at	SCGF	-5.89	3.54E-08	8.78E-05	-1.68	-9.01	19q13.3
11	213147_at	HOXA10	8.21	6.05E-05	9.73E-03	2.44	8.98	7p15-p14
12	220099_s_at	CGI-59	1.81	6.05E-08	1.20E-04	1.64	8.81	7q34
13	205529_s_at	CBFA2T1	-9.36	4.60E-09	3.42E-05	-1.65	-8.75	8q22
14	225144_at		3.74	4.77E-05	8.35E-03	2.17	8.67	
15	208843_s_at	GORASP2	1.87	2.54E-08	6.89E-05	1.59	8.66	2p24.3-q21.3
16	213025_at	FLJ20274	2.67	8.03E-06	2.66E-03	1.83	8.56	16p13.11
17	212711_at	DKFZp434G2311	1.54	3.76E-09	3.42E-05	1.52	8.55	9q34.3
18	211341_at	POU4F1	-115.08	1.05E-08	5.25E-05	-1.68	-8.50	13q21.1-q22
19	218772_x_at	FLJ10493	3.85	6.16E-05	9.75E-03	2.14	8.44	9q31.2
20	205528_s_at	CBFA2T1	-33.01	1.26E-08	5.25E-05	-1.60	-8.36	8q22
21	235381_at		1.85	5.58E-08	1.19E-04	1.53	8.32	
22	201811_x_at	SH3BP5	7.81	1.22E-04	1.39E-02	2.36	8.25	3p24.3
23	201807_at	VPS26	2.33	3.98E-06	1.75E-03	1.68	8.25	10q21.1
24	234998_at		2.62	2.39E-05	5.52E-03	1.84	8.20	
25	221750_at	HMGCS1	1.75	4.76E-07	4.57E-04	1.51	8.00	5p14-p13
26	208882_s_at	DD5	2.37	3.53E-06	1.67E-03	1.58	7.94	8q22

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
27	226169_at	LOC283105	3.98	1.50E-04	1.55E-02	2.18	7.85	11p15.3
28	211728_s_at	HYAL3	-4.44	1.44E-08	5.25E-05	-1.38	-7.81	3p21.3
29	206555_s_at	FLJ20274	2.23	4.26E-07	4.42E-04	1.46	7.80	16p13.11
30	212553_at	KIAA0460	1.70	2.12E-07	3.01E-04	1.43	7.76	1q21.2
31	212751_at	UBE2N	1.95	7.96E-06	2.66E-03	1.59	7.76	12q22
32	219433_at	BCoR	3.67	7.92E-05	1.16E-02	1.88	7.75	Xp11.4
33	229406_at		-7.55	1.51E-08	5.25E-05	-1.36	-7.68	
34	211474_s_at	SERPINB6	-3.01	1.76E-08	5.25E-05	-1.34	-7.61	6p25
35	205382_s_at	DF	-7.57	4.42E-08	1.01E-04	-1.37	-7.52	19p13.3
36	201857_at	ZFR	1.89	4.99E-07	4.64E-04	1.39	7.50	5p13.3
37	204567_s_at	ABCG1	4.48	1.85E-04	1.68E-02	2.01	7.44	21q22.3
38	211423_s_at	SC5DL	2.54	3.05E-05	6.53E-03	1.60	7.43	11q23.3
39	200982_s_at	ANXA6	-5.13	7.12E-08	1.32E-04	-1.33	-7.32	5q32-q34
40	202423_at	RUNXBP2	1.85	5.52E-06	2.13E-03	1.44	7.31	8p11
41	212534_at		2.09	1.10E-06	7.52E-04	1.37	7.29	
42	217975_at	LOC51186	9.81	2.54E-04	1.99E-02	2.08	7.27	Xq22.1
43	215884_s_at	UBQLN2	2.30	3.87E-05	7.53E-03	1.56	7.23	Xp11.23-p11.1
44	225789_at	CENTG3	2.34	1.37E-05	3.81E-03	1.47	7.23	7q36.1
45	238337_s_at		2.05	2.66E-05	6.03E-03	1.51	7.20	
46	226547_at		2.16	1.53E-05	4.00E-03	1.46	7.19	
47	211746_x_at	PSMA1	1.70	1.16E-05	3.40E-03	1.44	7.17	11p15.1
48	212895_s_at	ABR	3.18	1.51E-04	1.56E-02	1.76	7.15	17p13.3
49	209905_at	HOXA9	200.05	3.79E-04	2.39E-02	2.68	7.14	7p15-p14
50	209023_s_at	STAG2	2.61	3.21E-05	6.69E-03	1.51	7.14	Xq25

2.51 AML_9q versus AML_MLL

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203373_at	SOCS2	-12.96	2.55E-10	3.71E-06	-1.39	-8.74	12q
2	228083_at	CACNA2D4	-5.92	1.77E-10	3.71E-06	-1.35	-8.64	12p13.33
3	203372_s_at	SOCS2	-19.21	8.51E-10	8.24E-06	-1.39	-8.48	12q
4	203544_s_at	STAM	2.89	3.24E-06	1.81E-03	1.51	7.96	10p14-p13
5	220018_at	HAKAI	2.21	2.53E-06	1.67E-03	1.46	7.84	7q22.2
6	209028_s_at	SSH3BP1	1.89	1.49E-07	3.34E-04	1.31	7.83	10p11.2
7	218036_x_at	CGI-07	2.08	3.78E-06	1.85E-03	1.48	7.81	3q26.1
8	217740_x_at	RPL7A	-1.26	1.85E-08	7.85E-05	-1.23	-7.72	9q34
9	221923_s_at	NPM1	1.82	1.02E-05	3.18E-03	1.46	7.45	5q35
10	225185_at	MRAS	-2.74	7.56E-09	5.01E-05	-1.14	-7.38	3q22.3
11	244413_at	DCAL1	-7.72	8.63E-09	5.01E-05	-1.15	-7.37	12p13.2
12	213000_at	NXP2	2.53	3.08E-05	5.40E-03	1.60	7.33	21q22.13
13	208810_at	DNAJB6	2.44	8.37E-06	2.84E-03	1.39	7.31	7q36.3
14	211542_x_at	RPS10	-1.29	1.48E-06	1.43E-03	-1.24	-7.16	6p21.31
15	218448_at	C20orf11	1.67	2.43E-06	1.64E-03	1.25	7.11	20q13.33
16	202853_s_at	RYK	2.22	3.09E-05	5.40E-03	1.50	7.11	3q22
17	219360_s_at	TRPM4	-42.07	4.49E-08	1.45E-04	-1.19	-7.09	19q13.33
18	204031_s_at	PCBP2	1.29	1.37E-06	1.43E-03	1.21	7.05	12q13.12-q13.13
19	208612_at	GRP58	1.54	1.10E-07	2.65E-04	1.12	7.03	15q15

Table 2

		fc	p	q	stn	t	Map Location
20 213995_at	ATP5S	1.73	2.20E-06	1.52E-03	1.22	7.02	14q21.3
21 226676_at	EHZF	-8.96	1.89E-08	7.85E-05	-1.08	-7.00	18q11.1
22 200087_s_at - HG-U133A	RNP24	1.44	4.08E-06	1.85E-03	1.23	6.95	12q24.31
23 213918_s_at	IDN3	1.98	3.92E-06	1.85E-03	1.22	6.93	5p13.2
24 219038_at	FLJ11565	-1.68	2.94E-08	1.07E-04	-1.06	-6.88	Xq22.2
25 201653_at	CNIH	1.66	1.23E-05	3.37E-03	1.28	6.83	14q22.1
26 204847_at	ZNF-U69274	1.83	5.46E-06	2.17E-03	1.21	6.80	3q12.3
27 239499_at		-1.59	5.16E-08	1.50E-04	-1.03	-6.69	
28 212418_at	ELF1	2.13	3.06E-05	5.40E-03	1.32	6.67	13q13
29 208319_s_at	RBM3	1.92	3.02E-05	5.40E-03	1.31	6.65	Xp11.2
30 200686_s_at	SFRS11	2.02	3.48E-05	5.55E-03	1.32	6.64	1p31
31 203624_at	DXYS155E	1.76	2.63E-06	1.68E-03	1.13	6.62	Xp22.32
32 217915_s_at	C15orf15	1.48	4.51E-06	1.96E-03	1.15	6.62	15q21
33 211967_at	PORIMIN	1.90	4.76E-05	6.24E-03	1.36	6.60	11q22.1
34 201548_s_at	PLU-1	1.78	3.12E-07	5.66E-04	1.05	6.60	1q32.1
35 206055_s_at	SNRPA1	1.64	8.17E-06	2.84E-03	1.17	6.57	15q26.3
36 218411_s_at	MBIP	2.47	8.60E-05	8.55E-03	1.43	6.50	14q13.1
37 200809_x_at	RPL12	-1.23	1.03E-07	2.65E-04	-1.00	-6.47	9q34
38 202371_at	FLJ21174	3.15	2.59E-05	4.99E-03	1.23	6.47	Xq22.1
39 213857_s_at		2.06	4.37E-05	6.08E-03	1.28	6.46	
40 217828_at	FLJ13213	1.80	2.53E-05	4.96E-03	1.22	6.44	15q21.2
41 221381_s_at		2.06	7.49E-05	7.94E-03	1.37	6.44	
42 201197_at	AMD1	2.10	3.41E-05	5.55E-03	1.23	6.40	6q21-q22
43 200725_x_at	RPL10	-1.19	2.86E-07	5.53E-04	-0.99	-6.35	Xq28
44 212973_at	RPIA	2.06	7.62E-05	7.99E-03	1.29	6.26	2p11.1
45 206042_x_at	SNURF	-3.24	3.56E-07	6.08E-04	-0.98	-6.26	15q12
46 229238_at		-2.78	2.04E-07	4.24E-04	-0.97	-6.26	
47 53071_s_at	FLJ22222	1.97	2.32E-05	4.85E-03	1.15	6.26	17q25.3
48 219094_at	HSPC056	2.06	3.89E-05	5.84E-03	1.19	6.24	3q22.3
49 200674_s_at	RPL32	-1.29	1.55E-06	1.43E-03	-1.01	-6.22	3p25-p24
50 202854_at	HPRT1	1.60	8.74E-06	2.88E-03	1.07	6.19	Xq26.1

2.52 AML_9q versus AML_inv(16)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1 201432_at		CAT	2.35	3.82E-10	2.61E-06	2.29	12.36	11p13
2 213737_x_at			2.86	2.38E-07	1.40E-04	2.49	11.53	
3 220560_at		C11orf21	3.24	4.48E-08	5.10E-05	2.25	11.30	11p15.5
4 201497_x_at		MYH11	-23.77	4.71E-11	6.44E-07	-2.10	-11.10	16p13.13-p13.12
5 223385_at		CYP2S1	-3.21	4.27E-12	1.17E-07	-1.87	-10.82	19q13.1
6 218414_s_at		NUDE1	2.88	2.62E-06	5.97E-04	2.24	9.77	16p13.11
7 201496_x_at		MYH11	-5.92	1.39E-10	1.27E-06	-1.60	-9.29	16p13.13-p13.12
8 203802_x_at		WBSCR20A	2.09	9.22E-09	2.29E-05	1.62	9.02	7q11.23
9 40420_at		STK10	2.37	2.41E-07	1.40E-04	1.73	8.97	5q35.1
10 209365_s_at		ECM1	-3.21	5.37E-10	2.94E-06	-1.54	-8.95	1q21
11 224724_at		SULF2	-7.41	1.25E-09	5.71E-06	-1.57	-8.87	20q12-13.2
12 223471_at		RAB3IP	3.55	2.52E-06	5.95E-04	1.89	8.87	

Table 2

13 223044_at	SLC11A3	10.65	1.07E-05	1.65E-03	2.19	8.86	2q32
14 223299_at	LOC90701	2.74	8.52E-07	3.03E-04	1.65	8.42	18q21.31
15 205330_at	MN1	-10.11	2.62E-09	8.96E-06	-1.47	-8.41	22q12.1
16 213842_x_at	POM121	1.92	8.64E-09	2.29E-05	1.44	8.23	7q11.23
17 202008_s_at	NID	-3.22	2.27E-09	8.86E-06	-1.41	-8.21	1q43
18 225745_at		-3.95	5.47E-09	1.66E-05	-1.44	-8.21	
19 202370_s_at	CBFB	3.28	2.43E-05	2.61E-03	2.05	8.11	16q22.1
20 200665_s_at	SPARC	-4.84	7.42E-08	6.68E-05	-1.46	-8.08	5q31.3-q32
21 227486_at	NT5E	-18.05	2.17E-08	3.29E-05	-1.52	-8.08	6q14-q21
22 212771_at	LOC221061	-6.01	2.07E-08	3.29E-05	-1.49	-8.04	10p13
23 222862_s_at	AK5	-20.38	2.01E-08	3.29E-05	-1.48	-8.03	1p31
24 203329_at	PTPRM	-4.93	1.25E-08	2.45E-05	-1.42	-7.97	18p11.2
25 208942_s_at	TLOC1	1.86	1.22E-08	2.45E-05	1.38	7.92	3q26.2-q27
26 212358_at	CLIPR-59	-13.33	3.64E-08	4.52E-05	-1.49	-7.87	19q13.12
27 207961_x_at	MYH11	-16.70	4.29E-08	5.10E-05	-1.52	-7.85	16p13.13-p13.12
28 227053_at	PACSIN1	-8.39	2.71E-08	3.90E-05	-1.42	-7.82	6p21.3
29 227567_at		3.96	1.21E-05	1.82E-03	1.71	7.81	
30 222764_at	ASRGL1	4.42	1.03E-05	1.61E-03	1.68	7.78	11q12.2
31 205718_at	ITGB7	-2.80	1.12E-08	2.45E-05	-1.34	-7.77	12q13.13
32 209797_at	TMEM4	2.08	2.43E-06	5.87E-04	1.48	7.61	12q15
33 212854_x_at	FLJ20719	1.57	5.20E-07	2.19E-04	1.41	7.61	1p31
34 236646_at	FLJ31166	-3.64	1.85E-07	1.19E-04	-1.37	-7.60	12p13.31
35 226137_at		-3.17	1.52E-08	2.77E-05	-1.29	-7.51	
36 241773_at		-4.45	4.93E-08	5.40E-05	-1.33	-7.47	
37 208956_x_at	DUT	1.69	1.04E-07	7.36E-05	1.31	7.45	15q15-q21.1
38 202854_at	HPRT1	1.82	9.24E-07	3.08E-04	1.39	7.44	Xq26.1
39 203356_at		1.75	6.39E-08	6.47E-05	1.30	7.43	
40 206956_at	BGLAP	-2.55	3.26E-08	4.46E-05	-1.30	-7.42	1q25-q31
41 202931_x_at	BIN1	-2.40	6.68E-08	6.53E-05	-1.30	-7.42	2q14
42 218116_at	LOC51759	1.60	9.08E-08	7.09E-05	1.29	7.36	9q34.13
43 36545_s_at	KIAA0542	1.92	7.62E-07	2.82E-04	1.36	7.36	22q12.2
44 222735_at	FLJ10493	3.90	2.08E-05	2.46E-03	1.61	7.35	9q31.2
45 233467_s_at	PHEMX	2.33	4.84E-05	3.99E-03	1.80	7.30	11p15.5
46 213773_x_at	WBSCR20A	2.03	6.44E-06	1.12E-03	1.45	7.27	7q11.23
47 227151_at	MGC32065	-1.78	5.09E-07	2.19E-04	-1.32	-7.27	15q23
48 242686_at		-2.21	3.50E-08	4.52E-05	-1.24	-7.24	
49 218233_s_at	C6orf49	1.54	2.46E-07	1.40E-04	1.29	7.23	6p21.31
50 201324_at	EMP1	-7.97	1.05E-07	7.36E-05	-1.30	-7.22	12p12.3

2.53 AML_9q versus AML_inv(3)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1 208639_x_at		P5	2.69	4.14E-11	1.06E-06	2.20	11.36	2p25.1
2 211709_s_at		SCGF	5.30	8.82E-09	1.13E-04	2.31	11.19	19q13.3
3 231300_at		LOC90835	4.13	1.04E-06	7.59E-04	2.28	9.93	16p11.2
4 207668_x_at		P5	2.49	5.16E-08	2.21E-04	1.86	9.20	2p25.1
5 201226_at		NDUFB8	2.42	3.17E-07	4.53E-04	1.80	8.68	10q23.2-q23.33

Table 2

6	217927_at	SPC12	1.71	1.08E-07	3.08E-04	1.72	8.57	3p21.31
7	216640_s_at	P5	2.18	1.40E-08	1.20E-04	1.65	8.51	2p25.1
8	205084_at	BAP29	2.40	6.56E-07	6.24E-04	1.77	8.46	7q22.2
9	203938_s_at	TAF1C	2.46	1.93E-08	1.24E-04	1.58	8.17	16q24
10	206851_at	RNASE3	6.04	7.81E-06	2.47E-03	1.84	8.03	14q24-q31
11	202589_at	TYMS	2.26	4.29E-08	2.21E-04	1.55	7.99	18p11.32
12	206111_at	RNASE2	3.04	3.54E-07	4.79E-04	1.59	7.91	14q24-q31
13	221739_at	IL27w	1.89	5.23E-07	5.70E-04	1.59	7.83	19p13.3
14	201552_at	LAMP1	1.91	1.91E-07	3.89E-04	1.50	7.65	13q34
15	208736_at	ARPC3	1.64	1.01E-07	3.08E-04	1.47	7.60	12q24.11
16	229011_at		-2.82	6.42E-08	2.36E-04	-1.46	-7.58	
17	202487_s_at	H2AV	2.32	5.84E-06	2.11E-03	1.60	7.43	7p13
18	53071_s_at	FLJ22222	2.32	6.53E-06	2.27E-03	1.60	7.40	17q25.3
19	226414_s_at	ANAPC11	1.80	2.76E-07	4.17E-04	1.42	7.28	17q25.3
20	201973_s_at	CGI-43	1.64	2.72E-07	4.17E-04	1.42	7.27	7p22.2
21	209058_at	EDF1	1.68	1.45E-07	3.72E-04	1.40	7.25	9q34.3
22	221972_s_at	Cab45	1.86	2.43E-07	4.17E-04	1.40	7.21	1p36.33
23	221848_at	KIAA1847	3.19	8.69E-07	7.44E-04	1.43	7.18	20q13.3
24	239988_at		-2.24	1.97E-07	3.89E-04	-1.38	-7.16	
25	210201_x_at	BIN1	-2.75	1.71E-07	3.89E-04	-1.38	-7.15	2q14
26	202961_s_at	ATP5J2	2.19	1.03E-06	7.59E-04	1.42	7.12	7q22.1
27	203675_at	NUCB2	3.44	4.06E-05	6.17E-03	1.71	7.09	11p15.1-p14
28	208795_s_at	MCM7	2.38	1.04E-05	2.84E-03	1.53	7.07	7q21.3-q22.1
29	211713_x_at	KIAA0101	3.10	2.12E-05	4.35E-03	1.60	7.07	15q22.1
30	202990_at	PYGL	2.88	4.81E-06	1.84E-03	1.48	7.07	14q21-q22
31	208757_at	HSGP25L2G	2.24	4.17E-06	1.73E-03	1.46	7.06	5q35.3
32	233049_x_at	STUB1	1.60	2.49E-07	4.17E-04	1.35	7.01	16p13.3
33	90610_at	LRRN1	1.84	4.67E-07	5.70E-04	1.34	6.91	7q22
34	201405_s_at	COPS6	1.93	5.35E-07	5.70E-04	1.34	6.90	7q22.1
35	211747_s_at	LSM5	2.08	9.43E-06	2.82E-03	1.45	6.84	7p14.3
36	218774_at	DCPS	2.44	1.81E-06	9.71E-04	1.36	6.83	11q24.2
37	229312_s_at	GKAP42	-2.62	5.87E-07	5.80E-04	-1.33	-6.82	9q21.32
38	213773_x_at	WBSCR20A	2.18	1.89E-06	9.74E-04	1.35	6.79	7q11.23
39	208532_x_at		-2.64	4.36E-06	1.75E-03	-1.38	-6.77	
40	203046_s_at	TIMELESS	2.82	5.20E-05	6.94E-03	1.60	6.75	12q12-q13
41	209439_s_at	PHKA2	2.38	1.02E-05	2.84E-03	1.42	6.75	Xp22.2-p22.1
42	217720_at	LOC51142	1.51	5.55E-07	5.70E-04	1.31	6.74	7p11.1
43	220261_s_at	ZDHHC4	2.35	2.64E-05	4.85E-03	1.50	6.74	7p22.2
44	228301_x_at	NDUFB10	1.74	1.82E-06	9.71E-04	1.34	6.73	16p13.3
45	242647_at		-1.99	4.78E-07	5.70E-04	-1.30	-6.73	
46	213404_s_at	RHEB2	1.73	9.61E-07	7.59E-04	1.31	6.72	7q36
47	203802_x_at	WBSCR20A	2.30	5.35E-07	5.70E-04	1.30	6.71	7q11.23
48	201259_s_at	SYPL	1.92	1.38E-05	3.45E-03	1.43	6.70	7q22.1
49	217949_s_at	IMAGE3455200	2.21	1.52E-06	9.11E-04	1.31	6.67	16p11.2
50	202605_at	GUSB	3.85	8.26E-05	7.96E-03	1.64	6.63	7q21.11

2.54 AML_9q versus AML_komplext

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	223865_at	SOX6	-4.38	4.06E-12	6.67E-08	-1.54	-9.91	11p15.3
2	217491_x_at	COX7C	2.01	4.11E-10	3.37E-06	1.46	9.25	5q14
3	201134_x_at	COX7C	2.07	4.45E-09	5.74E-06	1.39	8.65	5q14
4	211709_s_at	SCGF	3.10	2.23E-08	1.44E-05	1.36	8.34	19q13.3
5	234807_x_at		-1.62	6.90E-09	8.09E-06	-1.32	-8.31	
6	90610_at	LRRN1	1.80	3.21E-07	4.71E-05	1.44	8.29	7q22
7	229039_at	SYN2	-2.89	6.15E-10	3.37E-06	-1.24	-8.13	3p25
8	213846_at	COX7C	1.96	6.19E-08	2.16E-05	1.31	7.97	5q14
9	229900_at	CD109	-4.74	1.12E-09	4.44E-06	-1.20	-7.84	6q13
10	239719_at	CD109	-2.95	1.35E-09	4.44E-06	-1.19	-7.80	6q13
11	235297_at		-1.84	2.21E-09	5.18E-06	-1.19	-7.77	
12	208646_at	RPS14	2.95	8.51E-06	2.30E-04	1.54	7.77	5q31-q33
13	241602_at	FLJ30927	-1.88	2.10E-09	5.18E-06	-1.17	-7.67	19q13.43
14	233585_at	SDK2	-2.29	3.00E-09	5.41E-06	-1.18	-7.66	17q25.1
15	53071_s_at	FLJ22222	2.35	6.63E-06	2.01E-04	1.46	7.62	17q25.3
16	226545_at		-6.73	2.70E-09	5.41E-06	-1.16	-7.58	
17	225383_at	ZNF275	-1.83	3.29E-09	5.41E-06	-1.15	-7.55	Xq28
18	232834_at		-2.12	7.98E-09	8.73E-06	-1.16	-7.50	
19	231172_at		-1.83	8.80E-09	9.03E-06	-1.16	-7.48	
20	244375_at		-2.49	4.55E-09	5.74E-06	-1.15	-7.46	
21	233657_at		-2.46	4.35E-09	5.74E-06	-1.13	-7.43	
22	218436_at	SIL1	2.81	2.19E-06	1.24E-04	1.31	7.41	5q31
23	223159_s_at	NEK6	-2.20	9.80E-09	9.46E-06	-1.14	-7.37	9q33.3-q34.11
24	201568_at	QP-C	1.95	2.20E-07	4.11E-05	1.20	7.35	5q31.1
25	200086_s_at - HG-U133B	COX4I1	1.48	1.89E-08	1.41E-05	1.13	7.27	16q22-qter
26	227056_at		2.76	1.88E-05	3.52E-04	1.47	7.27	
27	217751_at	LOC51064	2.18	2.06E-06	1.20E-04	1.26	7.24	7q34
28	235484_at		-2.69	1.17E-08	9.61E-06	-1.11	-7.24	
29	224316_at	FLJ20038	-1.89	1.07E-08	9.61E-06	-1.11	-7.23	8p21.1
30	207585_s_at	RPL36AL	1.38	1.10E-07	2.94E-05	1.15	7.22	14q21
31	233168_s_at	IMAGE3510317	-1.58	2.43E-08	1.48E-05	-1.11	-7.19	22q13.33
32	231300_at	LOC90835	2.56	2.33E-06	1.26E-04	1.25	7.15	16p11.2
33	208639_x_at	P5	1.79	2.09E-08	1.44E-05	1.10	7.14	2p25.1
34	238740_at	MGC2744	-2.07	5.68E-08	2.16E-05	-1.12	-7.13	17q21.2
35	227108_at	STARD9	-2.81	2.29E-08	1.44E-05	-1.10	-7.13	15q14
36	229413_s_at	RNF3	-2.31	1.12E-08	9.61E-06	-1.09	-7.12	4p16.3
37	225172_at	CRAMP1L	-1.73	1.46E-08	1.14E-05	-1.07	-7.04	16p13.3
38	244132_x_at		-2.19	3.67E-08	1.93E-05	-1.09	-7.02	
39	229626_at		-2.89	3.77E-08	1.93E-05	-1.09	-7.02	
40	222229_x_at		1.52	9.25E-06	2.36E-04	1.28	6.96	
41	208628_s_at	NSEP1	-1.27	2.14E-08	1.44E-05	-1.06	-6.92	1p34
42	237879_at		-4.36	6.05E-08	2.16E-05	-1.07	-6.88	
43	227145_at	LOXL4	-1.95	4.47E-08	2.16E-05	-1.08	-6.87	10q24
44	223385_at	CYP2S1	-2.62	2.98E-08	1.75E-05	-1.05	-6.85	19q13.1
45	240501_at		-2.25	8.12E-08	2.47E-05	-1.06	-6.82	
46	210201_x_at	BIN1	-2.91	3.25E-08	1.84E-05	-1.04	-6.82	2q14

Table 2

47 211787_s_at	EIF4A1	1.48	5.50E-08	2.16E-05	1.05	6.80	17p13
48 238580_at		-3.11	5.60E-07	6.30E-05	-1.10	-6.79	
49 218236_s_at	PRKCN	-3.84	3.73E-08	1.93E-05	-1.03	-6.75	2p21
50 242765_at		-2.69	2.34E-07	4.24E-05	-1.07	-6.74	

2.55 AML_9q versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	223865_at	SOX6	-3.18	2.99E-18	7.74E-14	-1.00	-12.07	11p15.3
2	208639_x_at	P5	1.89	6.62E-09	1.99E-06	1.16	10.92	2p25.1
3	201011_at	RPN1	1.81	1.74E-07	2.56E-05	1.34	10.78	3q21.3-q25.2
4	229836_s_at	NUDT4	-4.67	1.33E-16	1.72E-12	-0.81	-10.07	
5	232553_at	PCYT1B	-4.39	1.85E-12	3.19E-09	-0.84	-9.70	Xp22.12
6	236208_at		-2.07	2.05E-10	1.43E-07	-0.84	-9.30	
7	239856_at		-3.09	3.00E-15	2.59E-11	-0.74	-9.27	
8	230939_at		-2.37	3.11E-09	1.12E-06	-0.87	-9.14	
9	217328_at	TRB	-3.66	5.98E-14	3.09E-10	-0.74	-9.09	7q34
10	200809_x_at	RPL12	-1.18	1.77E-08	4.32E-06	-0.89	-8.96	9q34
11	237401_at	ACTN1	-2.12	1.83E-11	1.97E-08	-0.75	-8.78	14q24
12	242056_at	TRIM45	-1.98	3.13E-10	2.02E-07	-0.78	-8.75	1p11.2
13	228119_at	MGC4126	-3.29	6.91E-15	4.47E-11	-0.67	-8.63	3q29
14	240464_at		-2.00	3.60E-10	2.16E-07	-0.76	-8.61	
15	234703_at	HHLA3	-3.35	5.01E-13	1.30E-09	-0.70	-8.59	1p31.1
16	205561_at	FLJ12242	-2.32	5.24E-11	4.37E-08	-0.74	-8.58	22q13.1
17	242313_at		-2.91	4.31E-09	1.41E-06	-0.80	-8.57	
18	206273_at	HFL-EDDG1	-2.90	1.39E-13	5.15E-10	-0.68	-8.56	18p11.1
19	203938_s_at	TAF1C	1.75	2.32E-06	1.71E-04	1.07	8.51	16q24
20	231473_at		-3.67	4.28E-13	1.23E-09	-0.68	-8.48	
21	214842_s_at	ALB	-3.28	7.46E-14	3.22E-10	-0.67	-8.47	4q11-q13
22	235517_at	MGC29898	-3.64	7.13E-10	3.62E-07	-0.75	-8.43	4p15.32
23	211253_x_at	PYY	-2.61	3.59E-11	3.23E-08	-0.71	-8.39	17q21.1
24	232651_at		-3.35	1.31E-11	1.54E-08	-0.70	-8.37	
25	239828_at	FLJ25791	-2.83	5.98E-13	1.41E-09	-0.67	-8.32	6q21
26	211709_s_at	SCGF	2.20	3.89E-06	2.53E-04	1.07	8.30	19q13.3
27	201031_s_at	HNRPH1	1.57	5.53E-06	3.13E-04	1.12	8.29	5q35.3
28	210425_x_at	GOLGIN-67	-2.34	6.09E-12	8.75E-09	-0.67	-8.17	15q11.2
29	237018_at		-2.98	6.10E-09	1.90E-06	-0.75	-8.15	
30	214899_at	LOC284323	-5.59	2.90E-13	9.38E-10	-0.62	-8.02	19q13.13
31	244110_at	MLL	-2.51	2.37E-12	3.84E-09	-0.64	-7.97	11q23
32	226864_at	PKIA	-4.56	4.19E-09	1.39E-06	-0.71	-7.94	8q21.11
33	206143_at	SLC26A3	-3.96	8.55E-12	1.05E-08	-0.64	-7.91	7q31
34	236666_s_at		-2.89	8.67E-13	1.87E-09	-0.62	-7.90	
35	200599_s_at	TRA1	1.55	3.89E-06	2.53E-04	0.96	7.89	12q24.2-q24.3
36	244266_at	AKR1C1	-2.67	1.06E-12	2.11E-09	-0.62	-7.86	10p15-p14
37	236890_at		-1.93	1.47E-10	1.06E-07	-0.66	-7.85	
38	204073_s_at	C11orf9	-3.55	2.69E-08	6.22E-06	-0.73	-7.84	11q12-q13.1
39	214217_at		-3.46	2.65E-10	1.76E-07	-0.66	-7.83	

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
40	241575_at		-2.81	1.65E-11	1.85E-08	-0.63	-7.81	
41	207470_at	DKFZp566H0824	-3.24	8.85E-10	4.24E-07	-0.67	-7.80	1p36.22
42	239640_at		-2.78	3.59E-10	2.16E-07	-0.66	-7.80	
43	240539_at		-2.78	1.32E-09	5.81E-07	-0.67	-7.71	
44	229636_at	RAB7	-2.88	1.31E-12	2.42E-09	-0.60	-7.70	3q21.3
45	235742_at	ARHC	-2.95	1.39E-09	5.99E-07	-0.67	-7.69	1p13.1
46	229413_s_at	RNF3	-1.91	3.75E-09	1.27E-06	-0.68	-7.69	4p16.3
47	208736_at	ARPC3	1.45	1.73E-06	1.39E-04	0.85	7.68	12q24.11
48	239082_at		-1.77	3.31E-09	1.17E-06	-0.68	-7.68	
49	209058_at	EDF1	1.39	9.75E-06	4.61E-04	1.00	7.65	9q34.3
50	239875_at	NAB1	-2.22	1.51E-06	1.30E-04	-0.83	-7.62	2q32.3-q33

2.56 AML_9q versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	212953_x_at	CALR	-3.10	3.38E-13	8.00E-09	-2.87	-14.87	19p13.3-p13.2
2	214317_x_at	RPS9	2.21	1.66E-12	1.96E-08	2.55	13.51	19q13.4
3	38487_at	STAB1	-5.58	4.24E-11	3.34E-07	-2.05	-10.99	3p21.31
4	224451_x_at	ARHGAP9	2.98	2.67E-09	6.32E-06	2.13	10.89	12q14
5	203356_at		2.49	1.93E-10	1.08E-06	2.02	10.72	
6	214450_at	CTSW	-4.39	2.29E-10	1.08E-06	-1.97	-10.45	11q13.1
7	208942_s_at	TLOC1	2.11	1.10E-09	4.35E-06	1.96	10.29	3q26.2-q27
8	208956_x_at	DUT	2.16	1.30E-09	4.38E-06	1.85	9.78	15q15-q21.1
9	209112_at	CDKN1B	3.65	5.40E-07	1.75E-04	2.09	9.70	12p13.1-p12
10	213995_at	ATP5S	2.26	1.10E-07	6.70E-05	1.96	9.63	14q21.3
11	241742_at	PRAM-1	8.47	1.14E-05	9.08E-04	2.48	9.16	19p13.2
12	201596_x_at	KRT18	-5.87	1.71E-09	5.05E-06	-1.69	-9.02	12q13
13	200931_s_at	VCL	3.82	3.73E-06	4.96E-04	2.08	9.01	10q22.1-q23
14	221004_s_at	ITM2C	-5.30	1.92E-07	9.10E-05	-1.78	-8.86	2q37
15	204150_at	STAB1	-5.91	2.39E-09	6.27E-06	-1.63	-8.76	3p21.31
16	218376_s_at	MICAL	3.00	3.62E-06	4.96E-04	1.96	8.70	6q21
17	200953_s_at	CCND2	-3.12	4.84E-09	1.04E-05	-1.62	-8.68	12p13
18	201227_s_at	NDUFB8	1.98	5.48E-06	6.15E-04	2.00	8.66	10q23.2-q23.33
19	209344_at	TPM4	-8.21	9.51E-09	1.73E-05	-1.65	-8.62	19p13.1
20	228263_at	GRASP	-3.01	5.64E-08	4.76E-05	-1.65	-8.55	12q13.13
21	220018_at	HAKAI	2.69	3.13E-07	1.19E-04	1.72	8.54	7q22.2
22	241383_at		-3.52	7.56E-09	1.49E-05	-1.61	-8.52	
23	213735_s_at	COX5B	1.80	4.10E-07	1.46E-04	1.70	8.45	2cen-q13
24	205191_at	RP2	4.40	7.35E-06	6.91E-04	1.95	8.40	Xp11.4-p11.21
25	212481_s_at	TPM4	-5.17	2.01E-08	2.40E-05	-1.61	-8.37	19p13.1
26	222735_at	FLJ10493	6.03	9.48E-06	8.16E-04	1.98	8.37	9q31.2
27	205624_at	CPA3	-4.73	2.81E-08	3.03E-05	-1.59	-8.36	3q21-q25
28	218334_at	FLJ23445	1.85	1.65E-07	8.13E-05	1.62	8.28	3p14.3
29	36545_s_at	KIAA0542	2.25	1.01E-07	6.70E-05	1.60	8.25	22q12.2
30	219165_at	PDLIM2	3.01	4.53E-06	5.45E-04	1.81	8.22	8p21.2
31	242520_s_at		-4.73	1.05E-08	1.77E-05	-1.54	-8.21	
32	209698_at	C6orf18	2.99	7.18E-07	2.08E-04	1.64	8.10	6p21.3

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
33	206055_s_at	SNRPA1	2.10	1.54E-07	7.78E-05	1.57	8.09	15q26.3
34	212350_at	TBC1D1	2.00	3.30E-08	3.39E-05	1.53	8.09	4p14
35	227456_s_at	MGC15854	1.85	1.10E-07	6.70E-05	1.56	8.09	6p21.31
36	211755_s_at	ATP5F1	1.60	1.37E-08	2.16E-05	1.51	8.07	1p13.1
37	213513_x_at	ARPC2	1.54	1.74E-08	2.40E-05	1.50	8.02	2q36.1
38	202901_x_at	CTSS	7.94	3.39E-05	1.70E-03	2.21	8.00	1q21
39	236554_x_at	EVER2	4.25	1.69E-05	1.17E-03	1.93	7.99	17q25.3
40	229406_at		-11.78	1.24E-07	7.00E-05	-1.62	-7.96	
41	217540_at		3.36	1.10E-05	8.86E-04	1.83	7.95	
42	200986_at	SERPING1	-4.20	2.03E-08	2.40E-05	-1.48	-7.93	11q12-q13.1
43	208771_s_at	LTA4H	2.61	1.42E-05	1.05E-03	1.86	7.93	12q22
44	227145_at	LOXL4	-3.33	1.69E-07	8.18E-05	-1.65	-7.90	10q24
45	243129_at		-2.85	1.80E-08	2.40E-05	-1.47	-7.89	
46	200952_s_at	CCND2	-2.47	2.62E-08	2.95E-05	-1.48	-7.88	12p13
47	218520_at	TBK1	2.58	1.38E-06	2.69E-04	1.61	7.87	13q14.2-q14.3
48	201028_s_at	CD99	-3.36	1.87E-08	2.40E-05	-1.46	-7.86	Xp22.32
49	218971_s_at	HSPC049	2.39	1.41E-06	2.69E-04	1.60	7.86	7q33
50	229004_at		-8.35	1.36E-07	7.17E-05	-1.57	-7.82	

2.57 AML·_9q versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	220560_at	C11orf21	4.53	2.02E-09	1.05E-05	2.24	11.91	11p15.5
2	228827_at		-168.37	4.17E-10	1.05E-05	-2.01	-10.08	
3	205529_s_at	CBFA2T1	-20.77	1.46E-09	1.05E-05	-1.78	-9.37	8q22
4	219165_at	PDLIM2	3.79	2.38E-06	8.27E-04	2.02	9.25	8p21.2
5	229406_at		-12.04	1.74E-09	1.05E-05	-1.66	-9.08	
6	201938_at	CDK2AP1	2.18	5.02E-08	1.01E-04	1.68	9.05	12q24.31
7	230650_at		-5.85	1.07E-09	1.05E-05	-1.59	-8.98	
8	242845_at		-8.11	3.32E-09	1.44E-05	-1.56	-8.66	
9	208091_s_at	DKFZP564K0822	4.83	3.49E-06	1.03E-03	1.84	8.62	7p14.1
10	205528_s_at	CBFA2T1	-58.93	1.02E-08	3.33E-05	-1.66	-8.50	8q22
11	222125_s_at	PH-4	1.96	1.36E-06	7.18E-04	1.63	8.26	3p21.31
12	204073_s_at	C11orf9	-9.15	8.36E-09	3.11E-05	-1.47	-8.22	11q12-q13.1
13	233467_s_at	PHEMX	2.97	8.38E-06	1.69E-03	1.80	8.16	11p15.5
14	202854_at	HPRT1	2.03	1.36E-07	1.90E-04	1.47	8.04	Xq26.1
15	200788_s_at	PEA15	2.16	4.22E-06	1.16E-03	1.65	8.01	1q21.1
16	213918_s_at	IDN3	2.21	1.48E-06	7.18E-04	1.50	7.79	5p13.2
17	203356_at		1.77	3.91E-08	9.79E-05	1.37	7.78	
18	202006_at	PTPN12	3.26	1.99E-05	2.90E-03	1.77	7.71	7q11.23
19	215230_x_at	EIF3S8	2.03	7.50E-08	1.30E-04	1.35	7.63	16p11.2
20	219598_s_at	PTD013	1.67	4.77E-07	4.01E-04	1.40	7.60	6q13-q22.33
21	202789_at		-2.98	2.82E-08	8.15E-05	-1.34	-7.60	
22	201924_at	MLLT2	2.22	7.35E-07	5.21E-04	1.38	7.46	4q21
23	209112_at	CDKN1B	2.41	2.95E-06	9.60E-04	1.45	7.44	12p13.1-p12
24	213404_s_at	RHEB2	1.75	3.42E-07	3.16E-04	1.33	7.36	7q36
25	221972_s_at	Cab45	1.82	1.39E-07	1.90E-04	1.30	7.33	1p36.33

Table 2

26 222735_at	FLJ10493	3.64	3.05E-05	3.51E-03	1.65	7.27	9q31.2
27 235468_at		-7.12	6.11E-08	1.14E-04	-1.28	-7.26	
28 203837_at	MAP3K5	1.89	1.85E-06	7.18E-04	1.37	7.26	6q22.33
29 223865_at	SOX6	-2.77	4.13E-08	9.79E-05	-1.25	-7.22	11p15.3
30 223299_at	LOC90701	2.34	1.84E-06	7.18E-04	1.34	7.15	18q21.31
31 201552_at	LAMP1	1.65	2.36E-06	8.27E-04	1.35	7.13	13q34
32 209168_at		-3.27	4.89E-08	1.01E-04	-1.22	-7.10	
33 31845_at	ELF4	2.44	7.53E-06	1.58E-03	1.40	7.08	Xq26
34 200048_s_at - HG-U133A	JTB	1.46	7.26E-07	5.21E-04	1.28	7.06	1q21
35 53071_s_at	FLJ22222	2.18	9.68E-06	1.86E-03	1.39	6.98	17q25.3
36 204094_s_at	KIAA0669	2.20	1.63E-05	2.51E-03	1.43	6.96	3q25.1
37 213408_s_at	MGC14697	1.75	1.41E-06	7.18E-04	1.28	6.95	10q24.32
38 209058_at	EDF1	1.54	2.15E-07	2.44E-04	1.21	6.93	9q34.3
39 221547_at	PRPF18	1.88	1.20E-05	2.13E-03	1.39	6.91	10p12.33
40 214317_x_at	RPS9	1.77	8.97E-08	1.44E-04	1.19	6.90	19q13.4
41 231334_at		-4.68	9.40E-08	1.44E-04	-1.18	-6.87	
42 227151_at	MGC32065	-1.71	1.81E-06	7.18E-04	-1.26	-6.86	15q23
43 227853_at		2.62	2.03E-05	2.90E-03	1.42	6.85	
44 239875_at	NAB1	-2.52	1.49E-07	1.94E-04	-1.18	-6.83	2q32.3-q33
45 204811_s_at	CACNA2D2	-6.03	1.74E-07	2.16E-04	-1.19	-6.82	3p21.3
46 220558_x_at	PHEMX	2.59	4.65E-05	4.34E-03	1.52	6.81	11p15.5
47 202545_at	PRKCD	4.13	5.52E-05	4.78E-03	1.56	6.81	3p21.31
48 214394_x_at	EEF1D	1.54	3.51E-07	3.16E-04	1.19	6.79	8q24.3
49 204086_at	PRAME	-9.78	4.60E-07	4.00E-04	-1.28	-6.78	22q11.22
50 215051_x_at	AIF1	2.92	4.96E-05	4.51E-03	1.50	6.74	6p21.3

2.58 AML_MLL versus AML_inv(16)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	213737_x_at		3.65	1.30E-18	3.71E-14	2.17	15.48	
2	214651_s_at	HOXA9	22.10	4.22E-16	6.01E-12	2.26	14.60	7p15-p14
3	200665_s_at	SPARC	-14.82	7.41E-14	3.52E-10	-2.27	-14.07	5q31.3-q32
4	200953_s_at	CCND2	-4.16	1.61E-15	1.53E-11	-1.86	-13.20	12p13
5	202746_at	ITM2A	-16.05	9.80E-13	2.15E-09	-2.15	-12.88	Xq13.3-Xq21.2
6	202747_s_at	ITM2A	-16.65	8.69E-13	2.06E-09	-2.09	-12.76	Xq13.3-Xq21.2
7	235753_at		14.15	1.49E-13	6.06E-10	1.98	12.10	
8	227567_at		5.31	5.68E-15	4.05E-11	1.66	11.93	
9	229215_at	ASCL2	11.42	2.22E-13	6.34E-10	1.73	11.48	11p15.5
10	206847_s_at	HOXA7	7.10	2.07E-13	6.34E-10	1.70	11.41	7p15-p14
11	231310_at		-4.40	2.33E-14	1.33E-10	-1.54	-11.24	
12	201497_x_at	MYH11	-27.86	4.74E-11	4.22E-08	-2.16	-11.23	16p13.13-p13.12
13	200951_s_at	CCND2	-4.96	2.30E-12	4.22E-09	-1.60	-10.90	12p13
14	209905_at	HOXA9	70.38	2.46E-12	4.22E-09	1.82	10.90	7p15-p14
15	224049_at	KCNK17	-4.35	2.74E-11	2.70E-08	-1.66	-10.60	6p21.1
16	213147_at	HOXA10	5.72	2.97E-13	7.68E-10	1.48	10.56	7p15-p14
17	203949_at	MPO	-3.36	1.91E-13	6.34E-10	-1.41	-10.32	17q23.1
18	213908_at		15.52	8.76E-12	9.99E-09	1.66	10.30	

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
19	201496_x_at	MYH11	-6.20	5.40E-11	4.67E-08	-1.56	-10.14	16p13.13-p13.12
20	202370_s_at	CBFB	3.09	3.66E-12	5.22E-09	1.46	10.07	16q22.1
21	202931_x_at	BIN1	-3.16	1.41E-12	2.87E-09	-1.39	-10.05	2q14
22	226517_at	BCAT1	-10.55	1.85E-10	1.15E-07	-1.66	-10.05	12pter-q12
23	204082_at	PBX3	5.42	2.57E-11	2.61E-08	1.52	9.76	9q33-q34
24	212667_at	SPARC	-7.96	2.45E-10	1.42E-07	-1.54	-9.70	5q31.3-q32
25	225831_at	LOC148894	-3.79	5.89E-11	4.89E-08	-1.41	-9.59	1p36.11
26	203733_at	MYLE	3.27	3.18E-12	5.03E-09	1.30	9.50	16p13.2
27	223385_at	CYP2S1	-2.38	1.24E-10	8.39E-08	-1.38	-9.34	19q13.1
28	205330_at	MN1	-16.74	1.73E-09	5.37E-07	-1.75	-9.33	22q12.1
29	223471_at	RAB3IP	3.58	7.10E-12	8.43E-09	1.28	9.29	
30	201830_s_at	NET1	-4.44	3.73E-10	2.00E-07	-1.42	-9.26	10p15
31	202551_s_at	CRIM1	-4.62	2.91E-10	1.63E-07	-1.39	-9.23	2p21
32	210139_s_at	PMP22	-9.69	1.47E-09	4.81E-07	-1.55	-9.18	17p12-p11.2
33	224772_at	NAV1	-2.82	3.27E-10	1.79E-07	-1.37	-9.12	
34	211012_s_at	PML	-2.69	1.13E-11	1.24E-08	-1.24	-9.09	15q22
35	228058_at	LOC124220	-5.16	4.73E-12	6.12E-09	-1.22	-9.09	16p13.3
36	223299_at	LOC90701	2.79	4.18E-12	5.67E-09	1.20	9.00	18q21.31
37	214452_at	BCAT1	-4.30	3.97E-10	2.02E-07	-1.34	-8.99	12pter-q12
38	228497_at	FLIPT1	7.80	2.17E-10	1.29E-07	1.41	8.98	1p13.1
39	225102_at	LOC152009	5.25	8.41E-11	6.48E-08	1.30	8.95	3q21.3
40	201828_x_at	CXX1	2.85	2.52E-12	4.22E-09	1.17	8.91	Xq26
41	203948_s_at	MPO	-3.51	6.09E-12	7.55E-09	-1.19	-8.91	17q23.1
42	200602_at	APP	-6.96	1.09E-10	7.70E-08	-1.26	-8.90	21q21.3
43	218041_x_at	SLC38A2	-1.65	3.59E-12	5.22E-09	-1.17	-8.90	12q
44	225285_at		-9.24	1.04E-09	3.97E-07	-1.35	-8.82	
45	203373_at	SOCS2	13.18	2.48E-10	1.42E-07	1.34	8.82	12q
46	201029_s_at	CD99	-1.85	1.78E-11	1.88E-08	-1.18	-8.75	Xp22.32
47	213150_at	HOXA10	8.63	1.06E-10	7.70E-08	1.25	8.74	7p15-p14
48	228496_s_at	CRIM1	-2.68	8.74E-11	6.56E-08	-1.20	-8.70	2p21
49	221581_s_at	WBSCR5	2.78	3.22E-11	3.06E-08	1.19	8.70	7q11.23
50	205453_at	HOXB2	-6.83	3.79E-10	2.00E-07	-1.25	-8.69	17q21-q22

2.59 AML_MLL versus AML_inv(3)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	204082_at	PBX3	8.60	2.88E-12	2.35E-08	1.63	10.50	9q33-q34
2	226789_at		3.28	1.48E-13	1.81E-09	1.47	10.39	
3	214651_s_at	HOXA9	4.67	9.43E-14	1.81E-09	1.45	10.29	7p15-p14
4	235753_at		4.92	3.97E-12	2.43E-08	1.42	9.76	
5	228083_at	CACNA2D4	11.16	1.43E-11	5.83E-08	1.46	9.66	12p13.33
6	214643_x_at	BIN1	-4.56	2.50E-09	1.64E-06	-1.59	-9.58	2q14
7	209905_at	HOXA9	7.79	3.17E-11	1.11E-07	1.34	9.13	7p15-p14
8	202054_s_at	ALDH3A2	5.02	6.40E-12	3.14E-08	1.27	9.05	17p11.2
9	208116_s_at	MAN1A1	-4.86	2.19E-08	6.38E-06	-1.59	-8.95	6q22
10	236398_s_at		5.77	7.08E-11	1.58E-07	1.31	8.88	
11	201829_at	NET1	-3.59	3.90E-08	9.18E-06	-1.61	-8.81	10p15

Table 2

12 203733_at	MYLE	2.69	6.75E-11	1.58E-07	1.23	8.59	16p13.2
13 212318_at	TRN-SR	2.53	8.52E-11	1.67E-07	1.23	8.55	7q32.2
14 233955_x_at	HSPC195	-4.61	1.78E-08	5.60E-06	-1.41	-8.54	5q31.3
15 213893_x_at	PMS2L5	2.24	3.81E-11	1.17E-07	1.19	8.49	7q11-q22
16 208702_x_at	APLP2	2.83	4.39E-11	1.19E-07	1.19	8.45	11q24
17 231431_s_at		-2.62	7.32E-08	1.39E-05	-1.54	-8.45	
18 202605_at	GUSB	3.28	9.55E-11	1.67E-07	1.20	8.44	7q21.11
19 210006_at	DKFZP564O243	2.17	1.66E-10	2.71E-07	1.21	8.40	3p21.1
20 210201_x_at	BIN1	-2.98	1.82E-08	5.64E-06	-1.35	-8.34	2q14
21 214439_x_at	BIN1	-3.31	1.27E-08	4.55E-06	-1.31	-8.27	2q14
22 212782_x_at	POLR2J	2.38	3.41E-10	4.29E-07	1.18	8.24	7q11.2
23 200602_at	APP	-10.57	8.51E-08	1.58E-05	-1.47	-8.24	21q21.3
24 214875_x_at	APLP2	2.72	9.39E-11	1.67E-07	1.15	8.23	11q24
25 219551_at	TRAITS	3.35	3.68E-10	4.29E-07	1.19	8.19	3q13.33
26 206847_s_at	HOXA7	2.98	2.37E-10	3.23E-07	1.16	8.15	7p15-p14
27 218217_at	RISC	4.10	1.13E-09	9.89E-07	1.23	8.14	17q23.1
28 223703_at	CDA017	3.49	1.23E-09	1.00E-06	1.22	8.09	10q23.1
29 201186_at	LRPAP1	3.21	7.48E-10	7.89E-07	1.18	8.07	4p16.3
30 201105_at	LGALS1	2.91	1.88E-10	2.88E-07	1.12	8.00	22q13.1
31 203725_at	GADD45A	-3.08	1.71E-09	1.27E-06	-1.16	-7.99	1p31.2-p31.1
32 214430_at	GLA	2.03	2.27E-10	3.23E-07	1.12	7.97	Xq22
33 206440_at	LIN7A	8.55	1.13E-09	9.89E-07	1.17	7.97	12q21
34 211709_s_at	SCGF	4.44	4.41E-10	4.91E-07	1.11	7.86	19q13.3
35 219033_at	FLJ21308	3.62	1.20E-09	1.00E-06	1.14	7.85	5q11.1
36 219126_at	XAP135	1.85	3.53E-10	4.29E-07	1.10	7.84	6q27
37 208967_s_at	AK2	3.68	3.22E-09	1.84E-06	1.20	7.83	1p34
38 212174_at	AK2	3.63	1.63E-09	1.24E-06	1.15	7.83	1p34
39 202053_s_at	ALDH3A2	2.61	9.28E-10	8.75E-07	1.11	7.78	17p11.2
40 202961_s_at	ATP5J2	2.16	8.60E-10	8.43E-07	1.10	7.77	7q22.1
41 201830_s_at	NET1	-5.62	3.42E-07	3.90E-05	-1.47	-7.75	10p15
42 231300_at	LOC90835	4.14	2.74E-09	1.68E-06	1.15	7.74	16p11.2
43 204951_at	ARHH	-3.59	3.51E-08	8.51E-06	-1.21	-7.71	4p13
44 211404_s_at	APLP2	2.23	1.44E-09	1.14E-06	1.09	7.65	11q24
45 219991_at	SLC2A9	2.29	2.55E-09	1.64E-06	1.12	7.64	4p16-p15.3
46 223328_at	MGC3195	2.12	7.73E-10	7.89E-07	1.07	7.61	7q22.1
47 213908_at		3.56	4.03E-09	2.10E-06	1.12	7.58	
48 228652_at	FLJ38288	-2.21	6.80E-08	1.32E-05	-1.21	-7.58	19q13.43
49 214953_s_at	APP	-5.50	1.23E-07	1.99E-05	-1.23	-7.52	21q21.3
50 202931_x_at	BIN1	-3.09	1.11E-07	1.89E-05	-1.21	-7.50	2q14

2.6 AML_MLL versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1 201377_at		NICE-4	-2.72	3.69E-15	2.46E-11	-1.51	-11.56	1q21.3
2 201105_at		LGALS1	4.52	6.07E-14	2.57E-10	1.36	10.55	22q13.1
3 200608_s_at		RAD21	-1.86	3.88E-15	2.46E-11	-1.28	-10.40	8q24
4 228083_at		CACNA2D4	11.81	1.68E-11	9.93E-09	1.53	9.94	12p13.33

Table 2

5 201830_s_at	NET1	-5.21	6.70E-12	6.55E-09	-1.37	-9.77	10p15
6 201225_s_at	SRRM1	-1.72	1.39E-13	4.42E-10	-1.18	-9.52	1p36.11
7 208886_at	H1F0	-7.16	2.03E-11	9.93E-09	-1.32	-9.40	22q13.1
8 214700_x_at	DKFZP434D193	-3.12	1.37E-11	9.65E-09	-1.27	-9.33	2q23.3
9 209022_at	STAG2	-1.98	3.31E-12	5.25E-09	-1.17	-9.17	Xq25
10 218041_x_at	SLC38A2	-1.84	3.42E-13	8.70E-10	-1.12	-9.13	12q
11 203544_s_at	STAM	-4.39	3.49E-11	1.48E-08	-1.26	-9.11	10p14-p13
12 218823_s_at	FLJ20038	-2.77	3.12E-11	1.41E-08	-1.25	-9.09	8p21.1
13 201196_s_at	AMD1	-1.93	1.72E-12	3.49E-09	-1.14	-9.09	6q21-q22
14 201560_at	CLIC4	-4.16	4.61E-12	5.33E-09	-1.16	-9.07	1p36.11
15 202746_at	ITM2A	-10.44	1.47E-10	3.83E-08	-1.28	-8.85	Xq13.3-Xq21.2
16 209705_at		-2.03	1.78E-11	9.93E-09	-1.14	-8.80	
17 205788_s_at	KIAA0663	-1.79	1.87E-11	9.93E-09	-1.14	-8.78	1q32.1
18 203519_s_at	UPF2	-2.09	1.91E-11	9.93E-09	-1.13	-8.75	10p14-p13
19 222902_s_at	FLJ21144	-1.92	1.92E-12	3.49E-09	-1.08	-8.75	1p34.1
20 233168_s_at	IMAGE3510317	-1.73	4.52E-12	5.33E-09	-1.09	-8.75	22q13.33
21 209362_at	SURB7	-2.15	1.91E-11	9.93E-09	-1.11	-8.67	12p11.23
22 204082_at	PBX3	4.49	5.32E-11	2.05E-08	1.14	8.66	9q33-q34
23 201585_s_at	SFPQ	-1.91	9.60E-12	8.21E-09	-1.09	-8.65	1p34.3
24 200997_at	RBM4	-1.92	1.18E-11	8.79E-09	-1.09	-8.64	11q13
25 201829_at	NET1	-3.30	1.95E-10	4.21E-08	-1.21	-8.62	10p15
26 239071_at		-1.83	3.72E-12	5.25E-09	-1.04	-8.51	
27 203725_at	GADD45A	-4.33	6.08E-11	2.21E-08	-1.11	-8.51	1p31.2-p31.1
28 211137_s_at	ATP2C1	-3.12	4.82E-10	7.28E-08	-1.26	-8.50	3q21-q24
29 202747_s_at	ITM2A	-10.27	3.18E-10	5.61E-08	-1.20	-8.49	Xq13.3-Xq21.2
30 201166_s_at	PUM1	-1.86	3.89E-11	1.60E-08	-1.09	-8.49	1p35.2
31 212232_at	FNBP4	-1.77	1.15E-11	8.79E-09	-1.05	-8.43	11p11.12
32 200086_s_at - HG-U133B	COX4I1	1.64	5.17E-12	5.47E-09	1.03	8.43	16q22-qter
33 223318_s_at	MGC10974	3.61	2.44E-10	4.77E-08	1.14	8.38	19p13.3
34 212463_at		-4.10	1.52E-10	3.83E-08	-1.11	-8.35	
35 213549_at	PRO2730	-4.66	6.44E-10	8.52E-08	-1.21	-8.33	3p21.31
36 201358_s_at	COPB	-1.65	1.96E-11	9.93E-09	-1.04	-8.33	11p15.2
37 212031_at	S164	-2.00	1.55E-11	9.93E-09	-1.03	-8.32	14q24.3
38 228974_at		-4.54	1.70E-10	4.01E-08	-1.10	-8.31	
39 205849_s_at	UQCRB	1.52	9.70E-12	8.21E-09	1.02	8.31	8q22
40 201061_s_at	STOM	-3.25	2.69E-10	5.17E-08	-1.12	-8.31	9q34.1
41 205639_at	AOAH	3.94	2.96E-10	5.43E-08	1.12	8.29	7p14-p12
42 218331_s_at	FLJ20360	-2.05	6.54E-11	2.31E-08	-1.06	-8.28	10p15.1
43 223592_s_at	MGC13061	2.62	2.99E-10	5.43E-08	1.12	8.28	17q11.2
44 217887_s_at	EPS15	-2.10	5.29E-11	2.05E-08	-1.05	-8.26	1p32
45 200985_s_at	CD59	-4.95	1.95E-10	4.21E-08	-1.09	-8.25	11p13
46 214439_x_at	BIN1	-3.72	2.41E-10	4.77E-08	-1.09	-8.21	2q14
47 200071_at - HG-U133A	SPF30	-1.89	7.53E-11	2.52E-08	-1.04	-8.19	10q23
48 202413_s_at	USP1	-1.73	3.43E-11	1.48E-08	-1.01	-8.16	1p32.1-p31.3
49 218846_at	CRSP3	-2.57	3.67E-10	6.13E-08	-1.09	-8.15	6q22.33-q24.1
50 202659_at	PSMB10	3.04	1.05E-10	3.27E-08	1.04	8.15	16q22.1

Table 2

2.61 AML_MLL versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	205453_at	HOXB2	-10.77	2.71E-38	6.45E-34	-1.20	-16.52	17q21-q22
2	205601_s_at	HOXB5	-3.36	1.55E-33	1.84E-29	-1.08	-14.87	17q21.3
3	231767_at	HOXB4	-3.76	2.85E-30	2.26E-26	-1.00	-13.77	17q21-q22
4	239791_at		-15.07	1.48E-29	8.81E-26	-0.99	-13.58	
5	228904_at		-11.58	1.98E-29	9.40E-26	-0.97	-13.47	
6	236892_s_at		-13.39	8.02E-29	3.17E-25	-0.97	-13.34	
7	211137_s_at	ATP2C1	-2.04	5.75E-26	1.95E-22	-0.91	-12.47	3q21-q24
8	205366_s_at	HOXB6	-12.67	4.12E-25	1.09E-21	-0.89	-12.20	17q21.3
9	213258_at		-8.36	2.60E-25	7.72E-22	-0.89	-12.18	
10	220306_at	FLJ20202	-3.48	1.71E-23	4.06E-20	-0.87	-11.77	1p11.1
11	200923_at	LGALS3BP	-9.40	2.58E-23	5.57E-20	-0.86	-11.59	17q25
12	205624_at	CPA3	-12.32	8.38E-23	1.66E-19	-0.85	-11.46	3q21-q25
13	225344_at	ERAP140	-3.19	1.20E-22	2.19E-19	-0.82	-11.27	6q22.33
14	205600_x_at	HOXB5	-1.85	2.92E-22	4.62E-19	-0.82	-11.20	17q21.3
15	233955_x_at	HSPC195	-3.34	4.81E-19	3.94E-16	-0.87	-11.15	5q31.3
16	226517_at	BCAT1	-6.92	1.90E-22	3.23E-19	-0.81	-11.14	12pter-q12
17	236513_at		-2.75	3.55E-22	5.27E-19	-0.81	-11.10	
18	222996_s_at	HSPC195	-2.79	7.22E-20	8.17E-17	-0.83	-10.91	5q31.3
19	232424_at	PRDM16	-16.32	5.20E-21	6.18E-18	-0.83	-10.89	1p36.23-p33
20	230743_at		-2.37	1.25E-21	1.75E-18	-0.79	-10.86	
21	210993_s_at	MADH1	-5.39	3.18E-21	4.20E-18	-0.78	-10.75	4q28
22	210365_at	RUNX1	-3.27	3.77E-21	4.72E-18	-0.77	-10.69	21q22.3
23	224516_s_at	HSPC195	-3.60	3.05E-19	2.89E-16	-0.79	-10.56	5q31.3
24	222920_s_at	KIAA0748	-4.27	2.60E-19	2.57E-16	-0.77	-10.37	12q13.13
25	201242_s_at	ATP1B1	-4.09	2.03E-19	2.09E-16	-0.76	-10.36	1q22-q25
26	210664_s_at	TFPI	-5.30	1.34E-19	1.45E-16	-0.74	-10.21	2q31-q32.1
27	225974_at	DKFZp762C1112	-4.47	3.62E-18	2.73E-15	-0.75	-10.07	8q21.3
28	232979_at		-3.62	3.32E-19	3.03E-16	-0.73	-10.05	
29	205383_s_at	ZNF288	-1.73	2.09E-18	1.65E-15	-0.74	-10.04	3q13.2
30	236198_at		-6.24	3.81E-19	3.35E-16	-0.72	-9.99	
31	225532_at	LOC91768	-2.86	4.81E-19	3.94E-16	-0.72	-9.97	18q11.1
32	204951_at	ARHH	-3.51	6.08E-18	4.25E-15	-0.73	-9.83	4p13
33	200829_x_at	ZNF207	-1.52	9.52E-16	3.54E-13	-0.78	-9.80	17q11.2
34	206761_at	TACTILE	-12.07	8.60E-18	5.68E-15	-0.74	-9.69	3q13.13
35	241756_at		-2.61	4.52E-16	1.95E-13	-0.75	-9.67	
36	213549_at	PRO2730	-2.74	4.86E-18	3.50E-15	-0.70	-9.66	3p21.31
37	223298_s_at	NT5C3	-1.72	6.55E-18	4.45E-15	-0.71	-9.66	7p14.3
38	213156_at		-2.30	8.36E-17	4.22E-14	-0.73	-9.65	
39	210665_at	TFPI	-7.88	3.68E-18	2.73E-15	-0.70	-9.65	2q31-q32.1
40	208116_s_at	MAN1A1	-2.95	1.61E-17	1.00E-14	-0.71	-9.61	6q22
41	203897_at	LOC57149	-1.97	1.28E-17	8.22E-15	-0.69	-9.53	16p11.2
42	213110_s_at	COL4A5	-4.71	2.15E-17	1.31E-14	-0.70	-9.51	Xq22
43	203544_s_at	STAM	-2.57	1.23E-16	5.86E-14	-0.71	-9.50	10p14-p13
44	209676_at	TFPI	-2.63	2.62E-17	1.56E-14	-0.69	-9.48	2q31-q32.1
45	225285_at		-5.64	4.93E-17	2.70E-14	-0.70	-9.44	

Table 2

46 219094_at	HSPC056	-2.08	2.85E-16	1.30E-13	-0.71	-9.43	3q22.3
47 233849_s_at	ARHGAP5	-5.97	2.74E-17	1.59E-14	-0.68	-9.39	14q12
48 201830_s_at	NET1	-3.03	3.39E-17	1.92E-14	-0.68	-9.38	10p15
49 209014_at	MAGED1	-2.11	4.99E-17	2.70E-14	-0.68	-9.36	Xp11.23
50 218966_at	MYO5C	-2.10	1.67E-16	7.78E-14	-0.68	-9.25	15q21

2.62 AML_MLL versus AML_t(15;17)

#	affy Id	HUGO name	fc	p	q	stn	t	Map Location
1	221004_s_at	ITM2C	-9.69	6.96E-15	2.78E-11	-2.63	-16.45	2q37
2	38487_at	STAB1	-16.22	3.38E-13	4.51E-10	-2.90	-16.13	3p21.31
3	203948_s_at	MPO	-6.32	8.76E-21	2.10E-16	-2.19	-15.83	17q23.1
4	214651_s_at	HOXA9	237.17	2.30E-16	1.84E-12	2.66	15.41	7p15-p14
5	205624_at	CPA3	-36.02	6.17E-12	3.79E-09	-3.01	-14.75	3q21-q25
6	212953_x_at	CALR	-3.21	2.50E-14	6.66E-11	-2.22	-14.41	19p13.3-p13.2
7	214450_at	CTSW	-6.11	7.04E-14	1.41E-10	-2.21	-14.15	11q13.1
8	203949_at	MPO	-4.43	9.42E-19	1.13E-14	-1.91	-13.87	17q23.1
9	200953_s_at	CCND2	-6.10	3.06E-12	2.45E-09	-2.26	-13.42	12p13
10	213147_at	HOXA10	23.93	1.62E-14	4.85E-11	2.12	13.06	7p15-p14
11	238022_at		-5.73	4.14E-12	3.00E-09	-1.96	-12.30	
12	235753_at		16.83	1.12E-13	1.79E-10	2.04	12.26	
13	233072_at	KIAA1857	-11.75	7.57E-11	2.44E-08	-2.24	-12.25	9q34
14	205771_s_at	AKAP7	10.25	3.35E-14	8.02E-11	1.82	12.10	6q23
15	206871_at	ELA2	-3.69	4.90E-16	2.94E-12	-1.64	-11.89	19p13.3
16	206847_s_at	HOXA7	9.48	6.90E-14	1.41E-10	1.80	11.89	7p15-p14
17	209448_at	HTATIP2	10.38	2.48E-13	3.64E-10	1.79	11.54	11p15.1
18	204150_at	STAB1	-19.25	3.63E-10	8.30E-08	-2.23	-11.50	3p21.31
19	213587_s_at	LOC155066	7.64	6.58E-13	7.88E-10	1.79	11.29	7q36.1
20	205663_at	PCBP3	-3.93	3.63E-11	1.36E-08	-1.79	-11.19	21q22.3
21	201522_x_at	SNRPN	4.63	2.51E-15	1.20E-11	1.54	11.19	15q12
22	212509_s_at		-6.33	1.53E-10	4.37E-08	-1.87	-11.08	
23	209905_at	HOXA9	720.22	1.83E-12	1.75E-09	1.92	11.06	7p15-p14
24	205349_at	GNA15	-4.14	1.47E-12	1.53E-09	-1.62	-11.03	19p13.3
25	200951_s_at	CCND2	-6.76	2.21E-10	5.88E-08	-1.88	-10.98	12p13
26	206761_at	TACTILE	-28.74	1.21E-09	2.02E-07	-2.29	-10.90	3q13.13
27	201029_s_at	CD99	-2.16	1.08E-14	3.69E-11	-1.48	-10.74	Xp22.32
28	217848_s_at	PP	3.89	1.09E-13	1.79E-10	1.49	10.59	10q11.1-q24
29	225532_at	LOC91768	-5.64	9.02E-10	1.64E-07	-1.92	-10.59	18q11.1
30	200952_s_at	CCND2	-4.07	2.77E-10	6.83E-08	-1.76	-10.57	12p13
31	204425_at	ARHGAP4	15.58	4.11E-12	3.00E-09	1.65	10.49	Xq28
32	204082_at	PBX3	8.50	2.90E-12	2.40E-09	1.61	10.47	9q33-q34
33	231736_x_at	MGST1	-2.80	2.58E-13	3.64E-10	-1.46	-10.42	12p12.3-p12.1
34	210788_s_at	retSDR4	-2.38	2.11E-11	9.75E-09	-1.57	-10.41	14q22.3
35	224918_x_at	MGST1	-2.62	9.12E-14	1.68E-10	-1.42	-10.30	12p12.3-p12.1
36	201596_x_at	KRT18	-8.14	5.16E-10	1.08E-07	-1.69	-10.20	12q13
37	213150_at	HOXA10	45.69	1.41E-11	7.20E-09	1.71	10.17	7p15-p14
38	218404_at	SNX10	6.77	5.71E-12	3.60E-09	1.53	10.09	7p15.2

Table 2

39 225386_s_at	LOC92906	34.47	1.65E-11	8.20E-09	1.66	10.08	2p22.2
40 211474_s_at	SERPINB6	4.55	2.77E-12	2.40E-09	1.47	10.04	6p25
41 221253_s_at	MGC3178	-2.99	2.44E-10	6.44E-08	-1.59	-10.03	6p24.3
42 228083_at	CACNA2D4	11.77	1.68E-11	8.20E-09	1.57	9.93	12p13.33
43 213571_s_at	EIF4EL3	2.54	6.08E-13	7.67E-10	1.37	9.84	2q37.1
44 208852_s_at	CANX	-2.26	6.45E-11	2.18E-08	-1.46	-9.78	5q35
45 227999_at	LOC170394	3.11	7.06E-13	8.06E-10	1.36	9.76	10q26.3
46 217716_s_at	SEC61A1	-1.93	1.04E-11	5.68E-09	-1.40	-9.72	3q21.3
47 202265_at	BMI1	4.29	8.23E-12	4.70E-09	1.43	9.71	10p11.23
48 217853_at	TEM6	6.43	1.19E-11	6.31E-09	1.43	9.66	7p15.1
49 223663_at	FLJ37970	6.99	2.35E-12	2.17E-09	1.37	9.66	11q12.3
50 228263_at	GRASP	-2.66	3.59E-12	2.77E-09	-1.36	-9.63	12q13.13

2.63 AML_MLL versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1 214651_s_at		HOXA9	207.35	2.33E-16	6.38E-12	2.65	15.40	7p15-p14
2 221581_s_at		WBSCR5	10.61	3.46E-15	2.36E-11	2.04	13.41	7q11.23
3 213147_at		HOXA10	17.19	2.21E-14	1.01E-10	2.00	12.78	7p15-p14
4 235753_at			15.72	1.24E-13	4.83E-10	2.01	12.20	
5 201105_at		LGALS1	7.06	3.40E-15	2.36E-11	1.63	11.87	22q13.1
6 206847_s_at		HOXA7	7.80	1.77E-13	6.06E-10	1.79	11.69	7p15-p14
7 227853_at			3.59	7.38E-15	4.04E-11	1.54	11.33	
8 203949_at		MPO	-4.06	7.26E-16	9.92E-12	-1.47	-11.16	17q23.1
9 209905_at		HOXA9	687.57	1.83E-12	4.55E-09	1.92	11.06	7p15-p14
10 213908_at			16.07	8.41E-12	1.53E-08	1.68	10.33	
11 213150_at		HOXA10	58.80	1.26E-11	2.16E-08	1.73	10.23	7p15-p14
12 210314_x_at		TNFSF13	4.81	5.81E-13	1.59E-09	1.42	10.22	17p13.1
13 228827_at			-110.08	4.44E-10	2.89E-07	-1.99	-10.05	
14 228083_at		CACNA2D4	12.77	1.51E-11	2.29E-08	1.60	10.05	12p13.33
15 209500_x_at		TNFSF13	4.18	3.77E-12	7.93E-09	1.39	9.82	17p13.1
16 204082_at		PBX3	6.63	5.42E-12	1.06E-08	1.39	9.77	9q33-q34
17 228058_at		LOC124220	-6.07	2.57E-12	5.84E-09	-1.33	-9.70	16p13.3
18 203948_s_at		MPO	-4.62	4.25E-13	1.29E-09	-1.28	-9.66	17q23.1
19 206940_s_at		POU4F1	-41.89	1.43E-09	6.02E-07	-1.86	-9.46	13q21.1-q22
20 212423_at		FLJ90798	5.26	1.45E-11	2.29E-08	1.34	9.42	10q22.3
21 201944_at		HEXB	3.49	5.23E-11	5.29E-08	1.44	9.41	5q13
22 223562_at		PARVG	3.11	2.14E-11	2.67E-08	1.34	9.35	22q13.2-q13
23 229406_at			-12.04	2.06E-09	7.54E-07	-1.65	-9.19	
24 205639_at		AOAH	5.75	2.05E-11	2.67E-08	1.29	9.18	7p14-p12
25 204202_at		KIAA1023	3.45	2.15E-11	2.67E-08	1.28	9.13	7p22.3
26 205529_s_at		CBFA2T1	-12.90	2.76E-09	8.88E-07	-1.70	-9.10	8q22
27 230650_at			-5.19	2.41E-09	8.23E-07	-1.55	-9.01	
28 206009_at		ITGA9	-3.49	2.03E-10	1.50E-07	-1.30	-8.95	3p21.3
29 203859_s_at		PALM	-5.31	1.28E-09	5.66E-07	-1.39	-8.88	19p13.3
30 217853_at		TEM6	5.32	2.90E-11	3.44E-08	1.22	8.87	7p15.1
31 201850_at		CAPG	8.40	4.01E-10	2.67E-07	1.37	8.73	2cen-q24

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
32	224415_s_at	HINT2	1.98	1.84E-11	2.65E-08	1.16	8.66	9p13.1
33	216417_x_at	HOXB9	3.56	3.49E-11	3.81E-08	1.17	8.64	17q21.3
34	203733_at	MYLE	2.65	6.93E-11	6.53E-08	1.18	8.59	16p13.2
35	211341_at	POU4F1	-266.20	9.63E-09	2.23E-06	-1.69	-8.54	13q21.1-q22
36	225245_x_at	H2AFJ	4.56	3.12E-11	3.55E-08	1.15	8.54	12p12
37	204069_at	MEIS1	20.28	8.95E-10	4.51E-07	1.42	8.54	2p14-p13
38	205528_s_at	CBFA2T1	-41.63	1.17E-08	2.56E-06	-1.63	-8.45	8q22
39	206761_at	TACTILE	-19.71	1.31E-08	2.72E-06	-1.57	-8.38	3q13.13
40	204880_at	MGMT	-2.31	1.57E-10	1.26E-07	-1.14	-8.36	10q26
41	225386_s_at	LOC92906	7.38	1.95E-10	1.48E-07	1.15	8.31	2p22.2
42	225009_at	CKLFSF4	4.99	6.86E-10	3.83E-07	1.22	8.29	16q21
43	202746_at	ITM2A	-6.60	3.24E-09	9.84E-07	-1.25	-8.28	Xq13.3-Xq21.2
44	218217_at	RISC	4.76	3.65E-10	2.49E-07	1.17	8.28	17q23.1
45	232227_at		-11.48	1.52E-08	2.99E-06	-1.50	-8.27	
46	238756_at		3.91	6.11E-10	3.55E-07	1.20	8.26	
47	224301_x_at	H2AFJ	3.97	1.00E-10	8.64E-08	1.11	8.24	12p12
48	212459_x_at	SUCLG2	3.21	4.89E-11	5.14E-08	1.09	8.21	3p14.2
49	241706_at	LOC144402	6.44	1.09E-09	5.31E-07	1.19	8.13	12q11
50	225344_at	ERAP140	-4.28	9.94E-09	2.25E-06	-1.30	-8.13	6q22.33

2.64 AML_inv(16) versus AML_inv(3)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203949_at	MPO	4.50	1.34E-17	3.70E-13	2.52	16.16	17q23.1
2	203948_s_at	MPO	5.13	3.61E-16	4.97E-12	2.05	13.37	17q23.1
3	205382_s_at	DF	5.63	3.26E-13	2.99E-09	1.85	11.66	19p13.3
4	201497_x_at	MYH11	19.05	6.47E-11	3.56E-07	2.09	11.02	16p13.13-p13.12
5	209365_s_at	ECM1	3.55	3.80E-12	2.62E-08	1.68	10.58	1q21
6	210755_at	HGF	6.55	1.77E-10	6.09E-07	1.70	9.96	7q21.1
7	217963_s_at	NGFRAP1	-22.83	1.95E-08	1.45E-05	-1.97	-9.62	Xq22.1
8	205718_at	ITGB7	3.13	8.99E-11	4.12E-07	1.41	9.03	12q13.13
9	208248_x_at	APLP2	2.15	1.31E-10	5.17E-07	1.35	8.78	11q24
10	202605_at	GUSB	2.31	2.30E-10	7.03E-07	1.35	8.72	7q21.11
11	224841_x_at		-1.65	4.68E-09	5.86E-06	-1.42	-8.60	
12	224741_x_at		-1.65	4.37E-09	5.73E-06	-1.41	-8.57	
13	200985_s_at	CD59	-7.88	6.95E-08	3.10E-05	-1.58	-8.43	11p13
14	223136_at	AIG-1	-5.64	1.52E-08	1.25E-05	-1.40	-8.33	6q24.1
15	222862_s_at	AK5	27.90	1.73E-08	1.36E-05	1.54	8.23	1p31
16	201496_x_at	MYH11	3.43	1.98E-09	4.53E-06	1.31	8.22	16p13.13-p13.12
17	211709_s_at	SCGF	3.66	3.59E-10	9.87E-07	1.25	8.20	19q13.3
18	212358_at	CLIPR-59	18.74	2.53E-08	1.66E-05	1.56	8.09	19q13.12
19	226197_at		2.63	3.14E-09	4.93E-06	1.25	7.94	
20	200984_s_at	CD59	-3.23	8.03E-08	3.39E-05	-1.39	-7.92	11p13
21	218217_at	RISC	2.67	3.47E-09	4.93E-06	1.24	7.88	17q23.1
22	201462_at	KIAA0193	-5.53	4.85E-08	2.30E-05	-1.33	-7.86	7p14.3-p14.1
23	210997_at	HGF	22.58	4.15E-08	2.12E-05	1.46	7.82	7q21.1
24	226121_at	MGC23280	-2.43	3.57E-08	1.91E-05	-1.30	-7.81	17q11.1

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Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
25	228497_at	FLIPT1	-3.42	1.25E-07	4.52E-05	-1.39	-7.80	1p13.1
26	208702_x_at	APLP2	2.40	2.97E-09	4.93E-06	1.20	7.78	11q24
27	220668_s_at	DNMT3B	-5.06	3.67E-07	9.36E-05	-1.54	-7.76	20q11.2
28	214875_x_at	APLP2	2.55	1.88E-09	4.53E-06	1.19	7.75	11q24
29	207961_x_at	MYH11	13.58	5.40E-08	2.52E-05	1.43	7.71	16p13.13-p13.12
30	204198_s_at	RUNX3	-5.88	2.49E-07	7.54E-05	-1.42	-7.69	1p36
31	201029_s_at	CD99	1.55	1.51E-08	1.25E-05	1.23	7.67	Xp22.32
32	205076_s_at	CRA	4.58	4.39E-08	2.16E-05	1.35	7.66	1q12-q21
33	231736_x_at	MGST1	3.21	2.85E-09	4.93E-06	1.16	7.56	12p12.3-p12.1
34	223640_at	PIK3AP	2.38	3.34E-09	4.93E-06	1.15	7.53	19q13.1
35	200078_s_at - HG-U133B	ATP6V0B	2.01	3.17E-09	4.93E-06	1.15	7.51	1p32.3
36	209975_at	CYP2E1	3.78	2.34E-08	1.61E-05	1.22	7.50	10q24.3-qter
37	224918_x_at	MGST1	2.97	3.48E-09	4.93E-06	1.14	7.49	12p12.3-p12.1
38	202185_at	PLOD3	1.83	3.58E-09	4.93E-06	1.14	7.49	7q22
39	200872_at	S100A10	3.00	7.76E-09	7.90E-06	1.16	7.47	1q21
40	241525_at	LOC200772	37.93	9.78E-08	3.74E-05	1.41	7.47	2q37.3
41	230896_at		-41.32	9.11E-07	1.71E-04	-1.70	-7.47	
42	208704_x_at	APLP2	2.39	4.96E-09	5.93E-06	1.14	7.44	11q24
43	243244_at		3.09	6.78E-09	7.47E-06	1.14	7.41	
44	212463_at		-4.59	5.24E-07	1.13E-04	-1.39	-7.39	
45	202283_at	SERPINF1	4.66	2.32E-08	1.61E-05	1.17	7.33	17p13.1
46	205859_at	LY86	3.57	7.41E-09	7.84E-06	1.12	7.32	6p24.3
47	204122_at	TYROBP	2.73	6.45E-09	7.40E-06	1.12	7.31	19q13.1
48	223091_x_at	GL004	-1.53	1.84E-08	1.41E-05	-1.14	-7.30	2q36.3
49	205131_x_at	SCGF	4.95	3.38E-08	1.90E-05	1.17	7.29	19q13.3
50	238151_at		2.68	3.62E-08	1.91E-05	1.16	7.27	

2.65 AML_inv(16) versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	209190_s_at	DIAPH1	2.58	2.08E-14	1.34E-10	1.64	11.80	5q31
2	201497_x_at	MYH11	20.34	5.66E-11	2.80E-08	2.00	11.03	16p13.13-p13.12
3	201496_x_at	MYH11	8.16	1.93E-11	1.38E-08	1.63	10.61	16p13.13-p13.12
4	200984_s_at	CD59	-5.61	1.78E-12	3.27E-09	-1.54	-10.44	11p13
5	212463_at		-8.87	3.40E-12	4.96E-09	-1.59	-10.41	
6	209619_at	CD74	2.48	3.74E-13	9.64E-10	1.42	10.41	5q32
7	222229_x_at		1.45	1.28E-14	1.34E-10	1.35	10.37	
8	200985_s_at	CD59	-13.21	5.81E-12	6.02E-09	-1.54	-10.16	11p13
9	200093_s_at - HG-U133B	HINT1	1.79	8.03E-14	3.45E-10	1.28	9.82	5q31.2
10	205382_s_at	DF	3.68	3.91E-12	5.04E-09	1.31	9.62	19p13.3
11	206847_s_at	HOXA7	-3.70	1.36E-12	2.91E-09	-1.30	-9.60	7p15-p14
12	217846_at	QARS	1.68	3.05E-13	9.64E-10	1.24	9.52	3p21.3-p21.1
13	232247_at	FLJ14855	-2.34	1.13E-11	9.74E-09	-1.26	-9.18	3p21.31
14	204198_s_at	RUNX3	-7.48	5.36E-11	2.76E-08	-1.33	-9.13	1p36
15	208886_at	H1F0	-5.94	4.78E-11	2.56E-08	-1.28	-9.01	22q13.1
16	207332_s_at	TFRC	-2.71	6.34E-11	2.90E-08	-1.29	-8.98	3q26.2-qter
17	201360_at	CST3	4.32	4.84E-10	1.18E-07	1.34	8.97	20p11.21

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
18	241706_at	LOC144402	-5.96	4.36E-11	2.56E-08	-1.26	-8.96	12q11
19	202413_s_at	USP1	-1.86	3.47E-12	4.96E-09	-1.16	-8.85	1p32.1-p31.3
20	223276_at	NID67	2.53	9.44E-11	3.80E-08	1.23	8.85	5q33.1
21	217963_s_at	NGFRAP1	-19.01	2.22E-10	6.97E-08	-1.35	-8.83	Xq22.1
22	200675_at	CD81	-3.56	6.30E-12	6.02E-09	-1.16	-8.82	11p15.5
23	218040_at	FLJ10330	-2.22	6.54E-12	6.02E-09	-1.16	-8.82	1p13.2
24	210715_s_at	SPINT2	-3.66	1.37E-11	1.10E-08	-1.17	-8.76	19q13.1
25	209523_at	TAF2	-2.75	5.20E-12	6.02E-09	-1.14	-8.74	8q24.12
26	244552_at		-4.00	6.01E-11	2.86E-08	-1.19	-8.64	
27	200983_x_at	CD59	-8.23	3.32E-10	9.44E-08	-1.29	-8.61	11p13
28	244741_s_at		-6.23	3.17E-10	9.29E-08	-1.27	-8.58	
29	235753_at		-6.27	5.94E-10	1.32E-07	-1.32	-8.50	
30	200665_s_at	SPARC	3.15	4.51E-11	2.56E-08	1.13	8.49	5q31.3-q32
31	202406_s_at	TIAL1	-1.66	1.81E-11	1.37E-08	-1.11	-8.47	10q
32	213779_at	LOC129080	-3.29	1.78E-10	5.89E-08	-1.19	-8.46	22q12.1
33	212066_s_at	KIAA0570	-1.86	4.63E-11	2.56E-08	-1.12	-8.39	2p14
34	208033_s_at	ATBF1	3.73	1.09E-09	1.97E-07	1.20	8.35	16q22.3-q23.1
35	224724_at	SULF2	5.32	3.98E-09	4.79E-07	1.29	8.35	20q12-13.2
36	214651_s_at	HOXA9	-11.93	7.94E-10	1.57E-07	-1.26	-8.34	7p15-p14
37	225383_at	ZNF275	-1.92	8.65E-11	3.59E-08	-1.12	-8.32	Xq28
38	213737_x_at		-2.31	1.73E-10	5.89E-08	-1.14	-8.30	
39	201663_s_at	SMC4L1	-2.67	2.46E-10	7.54E-08	-1.14	-8.26	3q26.1
40	203965_at	USP20	-2.20	3.14E-11	2.13E-08	-1.07	-8.21	9q34.13
41	205718_at	ITGB7	3.46	6.54E-11	2.90E-08	1.08	8.20	12q13.13
42	218414_s_at	NUDE1	-2.89	7.27E-10	1.49E-07	-1.19	-8.19	16p13.11
43	201377_at	NICE-4	-1.89	8.01E-11	3.44E-08	-1.08	-8.16	1q21.3
44	212826_s_at	SLC25A6	1.63	3.95E-11	2.54E-08	1.06	8.15	Xp22.32 and Yp
45	223769_x_at	HT036	-2.28	3.80E-10	1.01E-07	-1.13	-8.13	1p34.1
46	202265_at	BMI1	-2.97	4.98E-10	1.18E-07	-1.13	-8.10	10p11.23
47	230219_at	NUDE1	-2.08	1.63E-10	5.82E-08	-1.08	-8.10	16p13.11
48	207992_s_at	AMPD3	-2.91	3.85E-10	1.01E-07	-1.11	-8.08	11p15
49	200620_at	C1orf8	-1.54	1.23E-10	4.67E-08	-1.07	-8.05	1p36-p31
50	208691_at	TFRC	-2.54	8.50E-10	1.63E-07	-1.14	-8.04	3q26.2-qter

2.66 AML_inv(16) versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	214651_s_at	HOXA9	-15.60	1.51E-50	3.70E-46	-1.56	-21.11	7p15-p14
2	235753_at		-9.87	2.28E-43	2.79E-39	-1.43	-18.94	
3	202370_s_at	CBFB	-2.88	5.35E-39	2.62E-35	-1.37	-18.11	16q22.1
4	209905_at	HOXA9	-42.82	1.78E-40	1.45E-36	-1.37	-17.97	7p15-p14
5	206847_s_at	HOXA7	-5.53	2.77E-39	1.70E-35	-1.28	-17.23	7p15-p14
6	227567_at		-4.62	4.65E-33	1.35E-29	-1.28	-16.62	
7	225055_at	DKFZp667M2411	-4.40	5.34E-31	7.27E-28	-1.26	-16.22	17q11.2
8	235521_at	HOXA3	-16.02	4.97E-33	1.35E-29	-1.15	-15.15	7p15-p14
9	226352_at		-5.91	2.86E-33	1.00E-29	-1.11	-15.00	
10	217963_s_at	NGFRAP1	-13.11	1.67E-33	6.83E-30	-1.11	-14.98	Xq22.1

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
11 209406_at	BAG2	-4.64	7.16E-33	1.76E-29	-1.10	-14.82	6p12.3-p11.2
12 205600_x_at	HOXB5	-2.62	1.69E-30	2.04E-27	-1.12	-14.77	17q21.3
13 213737_x_at		-2.46	6.60E-29	6.75E-26	-1.12	-14.63	
14 230894_s_at		-12.81	2.08E-32	4.64E-29	-1.08	-14.60	
15 239791_at		-20.47	3.77E-31	5.44E-28	-1.12	-14.55	
16 205366_s_at	HOXB6	-16.15	3.25E-31	4.98E-28	-1.10	-14.52	17q21.3
17 213844_at	HOXA5	-8.69	8.84E-31	1.14E-27	-1.08	-14.47	7p15-p14
18 219304_s_at	SCDGF-B	-3.99	1.01E-31	2.07E-28	-1.06	-14.39	11q22.3
19 236892_s_at		-17.80	1.75E-30	2.04E-27	-1.11	-14.35	
20 223044_at	SLC11A3	-9.53	1.57E-31	2.97E-28	-1.06	-14.33	2q32
21 219218_at	FLJ23058	-7.40	1.93E-31	3.39E-28	-1.06	-14.33	17q25.3
22 222786_at	C4S-2	-3.63	3.17E-31	4.98E-28	-1.05	-14.20	7p22
23 213353_at	ABCA5	-3.36	5.69E-22	2.15E-19	-1.16	-13.98	17q24.3
24 213147_at	HOXA10	-4.11	4.96E-23	2.10E-20	-1.12	-13.86	7p15-p14
25 205601_s_at	HOXB5	-3.21	1.20E-29	1.34E-26	-1.03	-13.83	17q21.3
26 201432_at	CAT	-2.16	1.50E-20	4.32E-18	-1.15	-13.65	11p13
27 223471_at	RAB3IP	-3.45	6.74E-26	3.84E-23	-1.05	-13.63	
28 218477_at	PTD011	-3.14	2.57E-27	1.97E-24	-1.03	-13.60	6p12.1
29 241706_at	LOC144402	-6.07	6.58E-29	6.75E-26	-1.01	-13.54	12q11
30 213110_s_at	COL4A5	-16.80	2.11E-28	2.07E-25	-1.02	-13.49	Xq22
31 225102_at	LOC152009	-4.58	3.57E-28	3.24E-25	-1.00	-13.40	3q21.3
32 224952_at	DKFZP564D166	-3.65	8.18E-22	2.99E-19	-1.09	-13.36	17q23.3
33 226134_s_at		-6.42	2.25E-28	2.12E-25	-0.98	-13.22	
34 216920_s_at	TRGV9	-4.98	5.46E-28	4.79E-25	-0.97	-13.15	7p15
35 211031_s_at	CYLN2	-7.02	5.93E-28	5.01E-25	-0.97	-13.13	7q11.23
36 228904_at		-6.03	1.55E-27	1.23E-24	-0.98	-13.07	
37 235749_at	UGCGL2	-6.19	1.36E-27	1.11E-24	-0.96	-13.01	13q32.1
38 235391_at	LOC137392	-11.22	7.87E-27	5.68E-24	-0.97	-12.91	8q21.3
39 213779_at	LOC129080	-2.94	4.00E-25	2.04E-22	-0.98	-12.87	22q12.1
40 200985_s_at	CD59	-7.70	4.63E-27	3.44E-24	-0.94	-12.78	11p13
41 200984_s_at	CD59	-3.69	1.84E-26	1.25E-23	-0.94	-12.68	11p13
42 201669_s_at	MARCKS	-11.88	2.19E-26	1.41E-23	-0.95	-12.68	6q22.2
43 215806_x_at	TRGC2	-4.58	1.90E-26	1.26E-23	-0.94	-12.66	7p15
44 206289_at	HOXA4	-3.00	6.37E-26	3.72E-23	-0.95	-12.66	7p15-p14
45 218445_at	H2AFY2	-5.09	1.78E-26	1.24E-23	-0.94	-12.63	10q22
46 228365_at	LOC144402	-8.67	5.70E-26	3.41E-23	-0.94	-12.59	12q11
47 213150_at	HOXA10	-6.21	2.24E-22	8.86E-20	-0.99	-12.59	7p15-p14
48 210425_x_at	GOLGIN-67	-4.62	2.27E-26	1.43E-23	-0.93	-12.56	15q11.2
49 227224_at	FLJ25604	-4.81	1.44E-23	6.30E-21	-0.97	-12.55	1q24.2
50 203949_at	MPO	2.08	5.62E-21	1.72E-18	1.00	12.50	17q23.1

2.67 AML_inv(16) versus AML_t(15;17)

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 211990_at	HLA-DPA1	12.87	6.59E-19	1.76E-14	3.40	20.83	6p21.3
2 214450_at	CTSW	-7.68	6.17E-13	5.50E-10	-2.95	-15.78	11q13.1
3 204661_at	CDW52	33.90	2.84E-14	7.34E-11	2.75	15.39	1p36

Table 2

4 38487_at	STAB1	-7.92	2.48E-12	1.89E-09	-3.00	-15.22	3p21.31
5 209732_at	CLECSF2	30.41	1.19E-13	1.77E-10	2.75	14.76	12p13-p12
6 217478_s_at	HLA-DMA	7.72	5.11E-15	2.13E-11	2.38	14.68	6p21.3
7 221004_s_at	ITM2C	-4.93	9.59E-14	1.51E-10	-2.43	-14.58	2q37
8 34210_at	CDW52	43.95	1.36E-13	1.92E-10	2.64	14.51	1p36
9 200654_at	P4HB	-2.26	2.17E-15	1.16E-11	-2.24	-14.34	17q25
10 203535_at	S100A9	8.87	5.77E-16	5.14E-12	2.17	14.08	1q21
11 209619_at	CD74	5.65	4.69E-17	6.26E-13	2.09	13.92	5q32
12 238022_at		-8.04	2.75E-12	2.00E-09	-2.31	-13.37	
13 200931_s_at	VCL	3.99	1.89E-15	1.16E-11	2.04	13.29	10q22.1-q23
14 201923_at	PRDX4	7.40	5.83E-14	1.11E-10	2.12	13.18	Xp22.13
15 209312_x_at	HLA-DRB1	8.91	4.83E-14	9.92E-11	2.10	13.11	6p21.3
16 208306_x_at	HLA-DRB4	9.68	8.26E-14	1.47E-10	2.12	13.11	6p21.3
17 205624_at	CPA3	-8.88	1.01E-11	5.61E-09	-2.34	-13.07	3q21-q25
18 204563_at	SELL	9.19	5.06E-13	5.01E-10	2.18	12.90	1q23-q25
19 204670_x_at	HLA-DRB5	6.82	5.58E-15	2.13E-11	1.94	12.69	6p21.3
20 231310_at		4.86	4.39E-14	9.77E-11	1.98	12.63	
21 208891_at	DUSP6	7.87	1.16E-14	3.88E-11	1.92	12.52	12q22-q23
22 212953_x_at	CALR	-2.83	3.00E-14	7.34E-11	-1.93	-12.49	19p13.3-p13.2
23 238365_s_at		-10.18	1.04E-10	3.05E-08	-2.44	-12.36	
24 207375_s_at	IL15RA	4.86	3.02E-14	7.34E-11	1.86	12.14	10p15-p14
25 221059_s_at	CHST6	6.79	8.00E-13	6.89E-10	1.98	12.11	16q22
26 208982_at	PECAM1	4.84	3.84E-13	4.22E-10	1.91	11.99	17q23
27 205718_at	ITGB7	6.51	4.60E-13	4.72E-10	1.91	11.97	12q13.13
28 205663_at	PCBP3	-4.82	1.21E-11	6.17E-09	-2.01	-11.95	21q22.3
29 229168_at	DKFZp434K0621	-6.66	3.87E-10	8.47E-08	-2.35	-11.57	5q35.3
30 233072_at	KIAA1857	-7.11	2.16E-10	5.54E-08	-2.13	-11.47	9q34
31 211991_s_at	HLA-DPA1	25.47	2.35E-11	1.07E-08	2.09	11.45	6p21.3
32 224583_at	COTL1	5.47	3.94E-13	4.22E-10	1.78	11.44	16q23.3
33 232617_at	CTSS	8.68	2.07E-11	9.71E-09	2.05	11.43	1q21
34 224839_s_at	GPT2	-8.67	4.98E-11	1.73E-08	-1.95	-11.38	16q12.1
35 201497_x_at	MYH11	29.05	4.61E-11	1.65E-08	2.19	11.25	16p13.13-p13.12
36 241742_at	PRAM-1	11.62	2.96E-11	1.22E-08	2.01	11.23	19p13.2
37 226878_at		4.23	4.00E-12	2.61E-09	1.81	11.18	
38 201137_s_at	HLA-DPB1	15.27	5.30E-11	1.81E-08	1.99	10.99	6p21.3
39 208689_s_at	RPN2	-1.74	1.74E-13	2.32E-10	-1.65	-10.96	20q12-q13.1
40 201496_x_at	MYH11	10.95	8.48E-12	5.03E-09	1.78	10.95	16p13.13-p13.12
41 202803_s_at	ITGB2	5.33	5.45E-13	5.20E-10	1.66	10.86	21q22.3
42 204150_at	STAB1	-9.25	1.13E-09	2.11E-07	-2.20	-10.85	3p21.31
43 238376_at		3.13	1.34E-12	1.11E-09	1.68	10.82	
44 202820_at	AHR	7.11	2.91E-12	2.05E-09	1.69	10.77	7p15
45 202644_s_at	TNFAIP3	2.63	9.42E-14	1.51E-10	1.60	10.76	6q23
46 223280_x_at	MS4A6A	24.32	1.17E-10	3.37E-08	2.00	10.68	11q12.1
47 228046_at	LOC152485	3.11	5.33E-12	3.39E-09	1.69	10.68	4q31.1
48 228113_at	STAT3	3.41	2.65E-13	3.31E-10	1.60	10.63	17q21
49 213779_at	LOC129080	-6.48	1.04E-09	1.96E-07	-2.02	-10.63	22q12.1
50 210982_s_at	HLA-DRA	7.45	1.37E-12	1.11E-09	1.63	10.60	6p21.3

Table 2

2.68 AML_inv(16) versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location	
1	207075_at	CIAS1	6.20	6.53E-13	4.40E-09	2.14	12.84	1q44	
2	205718_at	ITGB7	7.97	2.06E-13	2.37E-09	1.94	12.42	12q13.13	
3	208890_s_at	PLXNB2	5.47	2.82E-13	2.37E-09	1.95	12.41	22q13.33	
4	224764_at	ARHGAP10	9.78	6.18E-12	1.89E-08	2.04	11.88		10
5	205419_at	EBI2	7.28	3.55E-12	1.52E-08	1.93	11.76	13q32.2	
6	218795_at	ACP6	-4.43	2.56E-13	2.37E-09	-1.71	-11.41	1q21	
7	224049_at	KCNK17	4.96	2.15E-11	5.57E-08	1.93	11.23	6p21.1	
8	201497_x_at	MYH11	27.72	4.77E-11	7.64E-08	2.18	11.23	16p13.13-p13.12	
9	218236_s_at	PRKCN	5.61	2.01E-12	1.13E-08	1.65	10.88	2p21	
10	238604_at		3.46	2.13E-13	2.37E-09	1.50	10.47		
11	205453_at	HOXB2	15.78	1.65E-10	1.74E-07	1.88	10.41	17q21-q22	
12	201596_x_at	KRT18	9.11	3.90E-11	6.91E-08	1.67	10.37	12q13	
13	224724_at	SULF2	26.58	2.51E-10	2.26E-07	1.96	10.31	20q12-13.2	
14	209365_s_at	ECM1	3.32	5.67E-12	1.89E-08	1.52	10.17	1q21	
15	228827_at		-100.56	4.49E-10	3.22E-07	-1.97	-10.04		
16	201496_x_at	MYH11	6.61	2.98E-11	6.14E-08	1.55	10.02	16p13.13-p13.12	
17	200665_s_at	SPARC	3.67	6.00E-12	1.89E-08	1.49	10.02	5q31.3-q32	
18	201739_at	SGK	4.55	3.60E-12	1.52E-08	1.46	9.97	6q23	
19	201944_at	HEXB	2.26	3.09E-11	6.14E-08	1.52	9.92	5q13	
20	209500_x_at	TNFSF13	4.26	1.51E-10	1.70E-07	1.52	9.61	17p13.1	
21	235359_at		3.06	5.86E-11	8.57E-08	1.46	9.56		
22	203320_at	LNK	2.89	7.98E-11	1.12E-07	1.47	9.56	12q24	
23	208683_at	CAPN2	3.25	1.30E-11	3.66E-08	1.39	9.47	1q41-q42	
24	211084_x_at	PRKCN	4.90	2.81E-11	6.14E-08	1.40	9.46	2p21	
25	217849_s_at	CDC42BPB	5.22	3.31E-11	6.19E-08	1.41	9.46	14q32.3	
26	210314_x_at	TNFSF13	5.02	1.80E-10	1.80E-07	1.48	9.45	17p13.1	
27	206940_s_at	POU4F1	-37.07	1.50E-09	8.29E-07	-1.82	-9.42	13q21.1-q22	
28	201887_at	IL13RA1	4.32	3.65E-10	2.73E-07	1.52	9.40	Xq24	
29	223249_at	CLDN12	3.44	5.41E-11	8.27E-08	1.41	9.40	7q21	
30	240572_s_at		3.50	3.10E-11	6.14E-08	1.39	9.40		
31	220974_x_at	BA108L7.2	4.98	1.02E-10	1.33E-07	1.39	9.22	10q24.31	
32	205529_s_at	CBFA2T1	-14.03	2.39E-09	1.17E-06	-1.70	-9.16	8q22	
33	236738_at		7.02	4.91E-10	3.38E-07	1.44	9.10		
34	201005_at	CD9	7.50	3.32E-10	2.65E-07	1.40	9.04	12p13.3	
35	201360_at	CST3	4.55	3.35E-10	2.65E-07	1.39	9.02	20p11.21	
36	225102_at	LOC152009	-3.87	3.38E-10	2.65E-07	-1.34	-8.83	3q21.3	
37	218237_s_at	SLC38A1	3.46	4.08E-10	2.98E-07	1.35	8.82	12q12	
38	205330_at	MN1	9.47	3.99E-09	1.74E-06	1.56	8.81	22q12.1	
39	225602_at	C9orf19	2.74	4.53E-11	7.63E-08	1.26	8.75	9p13-p12	
40	220591_s_at	FLJ22843	3.10	7.60E-10	4.74E-07	1.35	8.72	Xp11.3	
41	229309_at		10.85	4.42E-09	1.91E-06	1.52	8.71		
42	229383_at		5.16	3.78E-09	1.67E-06	1.46	8.66		
43	201425_at	ALDH2	6.54	3.46E-10	2.65E-07	1.29	8.64	12q24.2	
44	229406_at		-8.50	3.12E-09	1.48E-06	-1.43	-8.63		

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
45	208033_s_at	ATBF1	4.00	6.81E-10	4.41E-07	1.30	8.57	16q22.3-q23.1
46	205859_at	LY86	3.64	2.66E-09	1.28E-06	1.38	8.57	6p24.3
47	211341_at	POU4F1	-162.01	1.01E-08	3.29E-06	-1.68	-8.52	13q21.1-q22
48	224579_at		3.69	1.71E-09	9.28E-07	1.33	8.52	
49	202283_at	SERPINF1	8.19	2.29E-09	1.15E-06	1.35	8.51	17p13.1
50	226818_at	LOC219972	10.78	6.29E-09	2.38E-06	1.45	8.48	11q12.1

2.69 AML_inv(3) versus AML_komplext

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	222229_x_at		1.59	1.43E-12	2.58E-08	1.49	10.36	
2	206781_at	DNAJC4	2.26	7.27E-11	4.54E-07	1.37	9.35	11q13
3	208730_x_at	RAB2	2.22	1.23E-09	1.71E-06	1.38	9.00	8q12.1
4	200093_s_at - HG-U133B	HINT1	1.88	6.67E-10	1.71E-06	1.21	8.35	5q31.2
5	213682_at	NUP50	-1.96	7.52E-11	4.54E-07	-1.14	-8.23	22q13.31
6	227708_at	EEF1A1	2.34	1.67E-08	8.16E-06	1.30	8.20	6q14.1
7	208826_x_at	HINT1	1.52	5.20E-10	1.64E-06	1.14	8.05	5q31.2
8	201202_at	PCNA	-2.84	2.31E-10	1.05E-06	-1.10	-7.93	20pter-p12
9	209122_at	ADFP	-4.15	1.08E-09	1.71E-06	-1.12	-7.82	9p21.3
10	200700_s_at	KDELR2	-2.80	1.13E-09	1.71E-06	-1.09	-7.67	7p22.2
11	201377_at	NICE-4	-1.90	5.46E-10	1.64E-06	-1.06	-7.67	1q21.3
12	203538_at	CAMLG	2.07	4.91E-08	1.51E-05	1.20	7.65	5q23
13	205436_s_at	H2AFX	-3.79	2.79E-09	2.71E-06	-1.12	-7.64	11q23.2-q23.3
14	218883_s_at	FLJ23468	-2.56	8.92E-10	1.71E-06	-1.07	-7.63	4q35.1
15	200094_s_at - HG-U133A	EEF2	1.41	4.93E-09	3.72E-06	1.09	7.56	19pter-q12
16	201663_s_at	SMC4L1	-2.49	1.36E-09	1.76E-06	-1.06	-7.55	3q26.1
17	201386_s_at	DDX15	-1.79	9.01E-10	1.71E-06	-1.05	-7.53	4p15.3
18	222047_s_at	ARS2	-1.55	1.08E-09	1.71E-06	-1.04	-7.50	7q21
19	212491_s_at	DNAJC8	-1.75	2.35E-09	2.61E-06	-1.05	-7.47	1p35.2
20	206550_s_at	NUP155	-2.08	2.18E-09	2.61E-06	-1.04	-7.40	5p13.1
21	203421_at	PIG11	-6.24	1.66E-08	8.16E-06	-1.14	-7.30	11p11.2
22	212031_at	S164	-1.92	2.84E-09	2.71E-06	-1.02	-7.28	14q24.3
23	213008_at	FLJ10719	-2.96	2.45E-09	2.61E-06	-1.01	-7.25	15q25-q26
24	202580_x_at	FOXM1	-3.95	7.57E-09	4.72E-06	-1.05	-7.25	12p13
25	218115_at	ASF1B	-2.62	4.20E-09	3.55E-06	-1.02	-7.24	19p13.12
26	213088_s_at	DNAJC9	-2.44	7.48E-09	4.72E-06	-1.03	-7.18	10q22.2
27	213292_s_at	SNX13	-2.17	6.26E-09	4.35E-06	-1.01	-7.16	7p21.1
28	204695_at	CDC25A	-4.38	1.11E-08	6.26E-06	-1.03	-7.14	3p21
29	218585_s_at	RAMP	-3.20	1.41E-08	7.48E-06	-1.04	-7.12	
30	208715_at	LOC54499	-2.21	4.16E-09	3.55E-06	-0.99	-7.11	1q22-q25
31	201457_x_at	BUB3	-1.73	4.55E-09	3.57E-06	-0.99	-7.10	10q26
32	222680_s_at	RAMP	-2.06	4.32E-09	3.55E-06	-0.98	-7.10	
33	211950_at	RBAF600	-2.14	6.18E-09	4.35E-06	-0.99	-7.08	1p36.13
34	223157_at	MGC3232	2.00	4.48E-07	5.23E-05	1.18	7.07	4q12
35	215123_at		-3.06	7.02E-09	4.70E-06	-0.97	-6.98	
36	227165_at	C13orf3	-2.41	1.84E-08	8.51E-06	-1.01	-6.98	13q11
37	218350_s_at	GMNN	-2.41	1.04E-08	6.07E-06	-0.97	-6.93	6p22.1

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
38	202954_at	UBE2C	-3.17	3.02E-08	1.21E-05	-1.02	-6.91	20q13.11
39	232247_at	FLJ14855	-2.01	8.55E-09	5.15E-06	-0.96	-6.91	3p21.31
40	214141_x_at	SFRS7	-1.77	1.72E-08	8.17E-06	-0.98	-6.90	2p22.1
41	201680_x_at	ARS2	-1.59	1.17E-08	6.43E-06	-0.95	-6.82	7q21
42	202413_s_at	USP1	-1.82	3.54E-08	1.31E-05	-0.97	-6.82	1p32.1-p31.3
43	209619_at	CD74	2.00	1.60E-07	2.89E-05	1.03	6.82	5q32
44	200094_s_at - HG-U133B	EEF2	1.39	4.08E-08	1.44E-05	0.98	6.81	19pter-q12
45	226123_at	LOC286180	-3.56	2.20E-08	9.47E-06	-0.96	-6.80	8q12.1
46	204709_s_at	KIF23	-4.17	6.32E-08	1.77E-05	-1.03	-6.80	15q22.31
47	210140_at	CST7	-4.76	5.60E-08	1.66E-05	-1.01	-6.78	20p11.21
48	210178_x_at	FUSIP1	-1.97	1.54E-08	7.94E-06	-0.94	-6.77	1p36.11
49	227056_at		3.40	1.85E-06	1.23E-04	1.20	6.72	
50	204023_at	RFC4	-2.23	1.88E-08	8.51E-06	-0.93	-6.70	3q27

2.7 AML_Inv(3) versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	236892_s_at		-14.20	7.34E-30	2.13E-25	-1.08	-14.07	
2	239791_at		-12.32	1.45E-29	2.13E-25	-1.05	-13.83	
3	204082_at	PBX3	-5.18	1.68E-28	1.65E-24	-1.04	-13.72	9q33-q34
4	213844_at	HOXA5	-6.93	1.73E-26	1.27E-22	-1.06	-13.71	7p15-p14
5	205382_s_at	DF	-5.07	6.49E-26	3.81E-22	-1.05	-13.50	19p13.3
6	205601_s_at	HOXB5	-2.88	1.71E-23	7.17E-20	-0.97	-12.47	17q21.3
7	228904_at		-6.49	2.08E-25	1.02E-21	-0.94	-12.42	
8	219304_s_at	SCDGF-B	-3.13	1.52E-21	5.58E-18	-0.90	-11.63	11q22.3
9	235753_at		-3.43	2.90E-18	6.08E-15	-0.93	-11.44	
10	205366_s_at	HOXB6	-8.17	5.26E-20	1.72E-16	-0.88	-11.27	17q21.3
11	212318_at	TRN-SR	-2.01	8.59E-14	6.31E-11	-1.03	-11.17	7q32.2
12	231300_at	LOC90835	-2.77	1.31E-15	1.67E-12	-0.94	-11.02	16p11.2
13	230480_at	HIWI2	-3.07	8.76E-20	2.57E-16	-0.85	-10.92	11q21
14	209905_at	HOXA9	-4.74	5.26E-16	7.77E-13	-0.88	-10.63	7p15-p14
15	226789_at		-2.42	1.39E-14	1.41E-11	-0.89	-10.39	
16	204301_at	KIAA0711	-3.97	6.35E-19	1.56E-15	-0.79	-10.33	8p23.2
17	205600_x_at	HOXB5	-2.11	1.75E-14	1.61E-11	-0.88	-10.32	17q21.3
18	204647_at	HOMER3	-4.57	4.01E-19	1.07E-15	-0.77	-10.13	19p13.11
19	205624_at	CPA3	-6.29	2.57E-18	5.80E-15	-0.74	-9.83	3q21-q25
20	214651_s_at	HOXA9	-3.29	5.38E-12	2.82E-09	-0.90	-9.77	7p15-p14
21	230743_at		-2.34	5.74E-17	1.05E-13	-0.76	-9.75	
22	204548_at	STAR	-4.32	4.25E-16	6.93E-13	-0.77	-9.73	8p11.2
23	201186_at	LRPAP1	-2.62	7.03E-17	1.21E-13	-0.75	-9.70	4p16.3
24	213893_x_at	PMS2L5	-1.89	5.37E-11	2.15E-08	-0.95	-9.68	7q11-q22
25	228293_at	LOC91614	-5.69	5.52E-15	6.01E-12	-0.77	-9.57	11p13
26	213150_at	HOXA10	-2.92	6.05E-14	4.68E-11	-0.79	-9.49	7p15-p14
27	213110_s_at	COL4A5	-8.16	3.41E-14	2.87E-11	-0.78	-9.43	Xq22
28	216973_s_at	HOXB7	-3.31	3.55E-17	6.96E-14	-0.71	-9.40	17q21.3
29	210006_at	DKFZP564O243	-1.71	1.87E-13	1.28E-10	-0.78	-9.31	3p21.1
30	223703_at	CDA017	-2.17	8.30E-15	8.71E-12	-0.74	-9.24	10q23.1

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
31	231175_at	FLJ30162	-5.53	1.87E-15	2.29E-12	-0.71	-9.16	6p11.1
32	206847_s_at	HOXA7	-2.32	1.32E-12	8.07E-10	-0.79	-9.16	7p15-p14
33	202487_s_at	H2AV	-1.92	7.76E-11	2.82E-08	-0.87	-9.15	7p13
34	236398_s_at		-3.16	1.05E-12	6.59E-10	-0.78	-9.14	
35	212820_at	RC3	-2.79	2.34E-15	2.65E-12	-0.70	-9.01	15q15.3
36	201069_at	MMP2	-4.50	5.29E-16	7.77E-13	-0.67	-8.95	16q13-q21
37	204779_s_at	HOXB7	-3.55	7.82E-16	1.09E-12	-0.68	-8.95	17q21.3
38	204332_s_at	AGA	-1.82	3.51E-14	2.87E-11	-0.71	-8.94	4q32-q33
39	203746_s_at	HCCS	-1.53	1.16E-15	1.55E-12	-0.67	-8.89	Xp22.3
40	208967_s_at	AK2	-2.17	1.76E-14	1.61E-11	-0.70	-8.89	1p34
41	217496_s_at	IDE	-1.70	4.79E-11	1.96E-08	-0.80	-8.83	10q23-q25
42	201940_at	CPD	-2.14	3.21E-14	2.77E-11	-0.70	-8.81	17p11.1-q11.2
43	206289_at	HOXA4	-2.62	1.79E-11	8.23E-09	-0.77	-8.76	7p15-p14
44	239503_at		-4.39	2.32E-15	2.65E-12	-0.66	-8.75	
45	213292_s_at	SNX13	-1.74	1.08E-10	3.78E-08	-0.81	-8.73	7p21.1
46	219551_at	TRAITS	-2.37	6.59E-13	4.21E-10	-0.72	-8.73	3q13.33
47	226556_at		-2.64	3.72E-12	1.98E-09	-0.73	-8.68	
48	209256_s_at	KIAA0265	-2.55	1.89E-11	8.33E-09	-0.76	-8.65	7q32.2
49	220261_s_at	ZDHHC4	-1.85	6.73E-10	1.94E-07	-0.84	-8.64	7p22.2
50	243134_at		-2.09	1.18E-11	5.67E-09	-0.74	-8.62	

2.71 AML_inv(3) versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203948_s_at	MPO	-9.22	7.85E-20	8.48E-16	-3.33	-20.18	17q23.1
2	203949_at	MPO	-5.92	7.32E-21	1.58E-16	-3.19	-19.69	17q23.1
3	205382_s_at	DF	-12.00	3.95E-15	1.07E-11	-3.44	-18.83	19p13.3
4	212953_x_at	CALR	-4.97	5.32E-16	2.30E-12	-2.76	-16.36	19p13.3-p13.2
5	200654_at	P4HB	-3.54	5.30E-18	3.81E-14	-2.62	-16.13	17q25
6	224918_x_at	MGST1	-5.40	5.25E-17	2.83E-13	-2.49	-15.29	12p12.3-p12.1
7	231736_x_at	MGST1	-6.11	7.03E-16	2.53E-12	-2.51	-15.14	12p12.3-p12.1
8	214450_at	CTSW	-6.80	4.70E-14	1.02E-10	-2.44	-14.29	11q13.1
9	205624_at	CPA3	-18.38	6.13E-12	5.51E-09	-2.76	-14.18	3q21-q25
10	206871_at	ELA2	-5.26	1.18E-15	3.64E-12	-2.20	-13.53	19p13.3
11	211990_at	HLA-DPA1	12.46	4.97E-11	2.98E-08	2.67	13.52	6p21.3
12	38487_at	STAB1	-5.47	4.81E-13	6.92E-10	-2.24	-13.06	3p21.31
13	217716_s_at	SEC61A1	-2.52	1.00E-13	1.65E-10	-2.15	-12.88	3q21.3
14	214575_s_at	AZU1	-8.67	1.00E-13	1.65E-10	-2.12	-12.73	19p13.3
15	238022_at		-7.63	7.53E-13	9.07E-10	-2.12	-12.49	
16	208852_s_at	CANX	-3.04	3.58E-12	3.68E-09	-2.18	-12.48	5q35
17	221739_at	IL27w	-2.20	1.28E-14	3.06E-11	-2.02	-12.47	19p13.3
18	208689_s_at	RPN2	-2.59	1.07E-13	1.65E-10	-2.02	-12.26	20q12-q13.1
19	221004_s_at	ITM2C	-4.37	5.63E-14	1.11E-10	-1.99	-12.16	2q37
20	233072_at	KIAA1857	-9.87	1.26E-10	6.35E-08	-2.39	-12.10	9q34
21	210788_s_at	retSDR4	-2.78	4.14E-12	4.06E-09	-2.00	-11.71	14q22.3
22	206914_at	CRTAM	6.73	2.22E-11	1.60E-08	2.03	11.62	11q22-q23
23	211709_s_at	SCGF	-5.57	6.43E-13	8.68E-10	-1.91	-11.55	19q13.3

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
24	213716_s_at	SECTM1	10.56	1.74E-09	5.54E-07	2.25	11.11	17q25
25	227353_at	EVER2	5.13	2.92E-10	1.24E-07	2.00	11.00	17q25.3
26	209021_x_at	KIAA0652	-5.31	1.35E-11	1.12E-08	-1.84	-10.90	11p11.12
27	214797_s_at	PCTK3	5.81	2.43E-10	1.05E-07	1.95	10.87	1q31-q32
28	208730_x_at	RAB2	2.63	4.23E-10	1.72E-07	1.98	10.86	8q12.1
29	202487_s_at	H2AV	-2.35	7.56E-13	9.07E-10	-1.76	-10.82	7p13
30	203675_at	NUCB2	-3.45	1.59E-11	1.27E-08	-1.83	-10.81	11p15.1-p14
31	217225_x_at	LOC283820	-2.26	2.10E-12	2.26E-09	-1.77	-10.77	16p13.13
32	200652_at	SSR2	-1.99	1.05E-12	1.19E-09	-1.73	-10.68	1q21-q23
33	209215_at	TETRAN	-3.46	4.99E-12	4.68E-09	-1.75	-10.63	4p16.3
34	229168_at	DKFZp434K0621	-4.90	5.86E-10	2.30E-07	-1.95	-10.53	5q35.3
35	209619_at	CD74	4.55	1.98E-11	1.47E-08	1.72	10.36	5q32
36	221253_s_at	MGC3178	-3.26	1.04E-10	5.78E-08	-1.78	-10.33	6p24.3
37	210140_at	CST7	-8.32	1.51E-09	5.06E-07	-1.98	-10.31	20p11.21
38	224839_s_at	GPT2	-6.24	6.83E-11	3.88E-08	-1.74	-10.23	16q12.1
39	217770_at	PIGT	-2.32	1.69E-11	1.30E-08	-1.68	-10.17	20q12-q13.12
40	205614_x_at	MST1	-9.35	3.11E-09	8.56E-07	-2.03	-10.12	3p21
41	209732_at	CLECSF2	29.15	1.41E-08	2.74E-06	2.22	10.02	12p13-p12
42	201004_at	SSR4	-2.56	2.78E-11	1.82E-08	-1.64	-9.95	Xq28
43	204897_at	PTGER4	5.27	1.51E-10	7.41E-08	1.68	9.90	5p13.1
44	201029_s_at	CD99	-1.81	1.13E-11	9.73E-09	-1.61	-9.89	Xp22.32
45	241696_at		3.13	3.64E-11	2.25E-08	1.62	9.81	
46	214789_x_at	SRP46	4.12	8.67E-10	3.28E-07	1.71	9.76	11q22
47	201825_s_at	CGI-49	-3.27	2.66E-11	1.79E-08	-1.57	-9.61	1q44
48	204150_at	STAB1	-5.48	2.26E-09	6.96E-07	-1.74	-9.57	3p21.31
49	241383_at		-4.21	2.75E-09	7.92E-07	-1.75	-9.55	
50	200068_s_at - HG-U133B	CANX	-1.65	2.98E-11	1.89E-08	-1.55	-9.52	5q35

2.72 AML_inv(3) versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	203949_at	MPO	-5.44	5.57E-18	1.52E-13	-2.29	-14.96	17q23.1
2	203948_s_at	MPO	-6.74	3.58E-14	4.89E-10	-1.89	-12.11	17q23.1
3	209122_at	ADFP	-3.38	1.03E-12	9.42E-09	-1.55	-10.15	9p21.3
4	228827_at		-92.61	4.57E-10	2.08E-06	-1.97	-10.03	
5	217963_s_at	NGFRAP1	34.31	1.80E-08	2.47E-05	2.15	9.83	Xq22.1
6	211709_s_at	SCGF	-4.29	8.01E-12	5.47E-08	-1.44	-9.45	19q13.3
7	211084_x_at	PRKCN	5.66	3.98E-09	9.88E-06	1.59	9.24	2p21
8	205529_s_at	CBFA2T1	-14.76	2.25E-09	6.83E-06	-1.74	-9.20	8q22
9	233955_x_at	HSPC195	5.01	2.80E-08	3.47E-05	1.80	9.19	5q31.3
10	207839_s_at	LOC51754	3.06	2.36E-10	1.29E-06	1.45	9.13	9p13.1
11	213716_s_at	SECTM1	4.93	3.75E-09	9.88E-06	1.55	9.11	17q25
12	229406_at		-12.12	1.70E-09	6.39E-06	-1.60	-9.09	
13	202887_s_at	RTP801	4.18	5.07E-08	4.62E-05	1.52	8.39	10pter-q26.12
14	205528_s_at	CBFA2T1	-27.75	1.41E-08	2.15E-05	-1.56	-8.32	8q22
15	212895_s_at	ABR	2.87	3.10E-08	3.53E-05	1.36	8.06	17p13.3
16	212423_at	FLJ90798	3.77	4.04E-08	4.42E-05	1.34	7.93	10q22.3

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
17	206871_at	ELA2	-4.45	1.87E-09	6.39E-06	-1.22	-7.88	19p13.3
18	217226_s_at	BA108L7.2	3.17	4.71E-08	4.62E-05	1.31	7.79	10q24.31
19	204494_s_at	DKFZP434H132	4.61	3.95E-07	1.37E-04	1.56	7.76	15q22.33
20	225010_at	D10S170	2.54	1.04E-08	1.77E-05	1.23	7.75	10q21
21	210150_s_at	LAMA5	-3.67	7.23E-09	1.52E-05	-1.23	-7.73	20q13.2-q13.3
22	226865_at		9.73	5.70E-07	1.64E-04	1.64	7.68	
23	211728_s_at	HYAL3	-3.34	8.95E-09	1.75E-05	-1.22	-7.67	3p21.3
24	228058_at	LOC124220	-2.54	9.74E-09	1.77E-05	-1.20	-7.59	16p13.3
25	210613_s_at	SYNGR1	-2.97	4.40E-09	1.00E-05	-1.17	-7.58	22q13.1
26	233467_s_at	PHEMX	2.46	6.91E-08	5.05E-05	1.26	7.56	11p15.5
27	227276_at	TEM7R	3.51	3.09E-07	1.23E-04	1.39	7.55	10p12.1
28	233072_at	KIAA1857	-4.59	5.06E-08	4.62E-05	-1.28	-7.49	9q34
29	206478_at	KIAA0125	22.61	9.17E-07	1.95E-04	1.71	7.46	14q32.33
30	222996_s_at	HSPC195	4.19	7.29E-07	1.77E-04	1.52	7.46	5q31.3
31	235468_at		-6.55	8.20E-08	5.47E-05	-1.32	-7.42	
32	201243_s_at	ATP1B1	5.00	4.26E-07	1.42E-04	1.37	7.42	1q22-q25
33	204495_s_at	DKFZP434H132	5.13	9.12E-07	1.95E-04	1.53	7.37	15q22.33
34	205382_s_at	DF	-6.33	7.39E-08	5.05E-05	-1.26	-7.35	19p13.3
35	201281_at	ADRM1	-2.12	1.71E-08	2.45E-05	-1.16	-7.35	20q13.33
36	227853_at		2.46	5.80E-08	4.96E-05	1.18	7.30	
37	213908_at		4.51	5.12E-07	1.57E-04	1.34	7.30	
38	219183_s_at	PSCD4	2.35	2.77E-07	1.16E-04	1.26	7.27	22q12.3-q13.1
39	217975_at	LOC51186	14.36	1.13E-06	2.26E-04	1.51	7.26	Xq22.1
40	221773_at		3.52	2.17E-07	1.02E-04	1.24	7.24	
41	215051_x_at	AIF1	2.45	9.99E-08	6.07E-05	1.19	7.23	6p21.3
42	242845_at		-4.10	4.98E-08	4.62E-05	-1.17	-7.21	
43	218854_at	SART2	6.30	1.20E-06	2.34E-04	1.48	7.20	6q22
44	222955_s_at	HT011	-2.24	6.72E-08	5.05E-05	-1.19	-7.19	Xq26.1
45	201811_x_at	SH3BP5	8.59	1.30E-06	2.41E-04	1.46	7.15	3p24.3
46	203820_s_at	KOC1	3.81	9.22E-07	1.95E-04	1.36	7.15	7p11
47	201288_at	ARHGDIB	-1.41	1.29E-08	2.07E-05	-1.10	-7.15	12p12.3
48	210115_at	RPL39L	-8.57	2.10E-07	1.02E-04	-1.33	-7.12	3q27
49	204548_at	STAR	-7.93	1.56E-07	8.38E-05	-1.23	-7.08	8p11.2
50	202759_s_at	AKAP2	-3.83	2.73E-08	3.47E-05	-1.10	-7.08	9q31-q33

2.73 AML_komplext versus AML_normal

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	227056_at		-2.72	3.60E-25	1.83E-21	-1.18	-14.77	
2	200093_s_at - HG-U133B	HINT1	-1.98	1.27E-19	2.16E-16	-1.11	-13.02	5q31.2
3	218645_at	ZNF277	-2.28	7.98E-20	1.53E-16	-1.01	-12.34	7q31.1
4	222229_x_at		-1.48	2.01E-16	1.81E-13	-1.17	-12.31	
5	223157_at	MGC3232	-1.85	6.18E-22	1.89E-18	-0.95	-12.24	4q12
6	236892_s_at		-7.12	1.09E-25	1.68E-21	-0.89	-12.24	
7	239791_at		-6.54	2.57E-25	1.83E-21	-0.87	-12.10	
8	235502_at	PPP2CA	-3.28	3.00E-23	1.15E-19	-0.87	-11.76	5q23-q31
9	208826_x_at	HINT1	-1.62	4.74E-18	6.04E-15	-0.95	-11.51	5q31.2

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
10	223318_s_at	MGC10974	-2.92	1.64E-21	4.19E-18	-0.83	-11.21	19p13.3
11	205382_s_at	DF	-3.31	8.20E-19	1.25E-15	-0.79	-10.45	19p13.3
12	228904_at		-3.89	2.82E-20	6.16E-17	-0.75	-10.42	
13	200093_s_at - HG-U133A	HINT1	-1.64	6.38E-15	4.24E-12	-0.90	-10.33	5q31.2
14	223276_at	NID67	-2.19	1.07E-17	1.26E-14	-0.80	-10.33	5q33.1
15	205366_s_at	HOXB6	-4.77	1.02E-18	1.42E-15	-0.74	-10.05	17q21.3
16	222983_s_at	PAIP2	-1.60	1.92E-14	1.13E-11	-0.87	-10.02	5q31.3
17	227708_at	EEF1A1	-1.84	4.28E-15	2.98E-12	-0.84	-10.02	6q14.1
18	200608_s_at	RAD21	1.60	1.39E-12	4.16E-10	1.03	9.95	8q24
19	231840_x_at	LOC90624	-2.20	2.35E-17	2.57E-14	-0.73	-9.79	5q31.1
20	207721_x_at	HINT1	-1.71	1.81E-14	1.11E-11	-0.82	-9.73	5q31.2
21	224935_at		-1.53	1.92E-13	8.38E-11	-0.83	-9.50	
22	226142_at	GLIPR1	-2.91	9.34E-17	9.53E-14	-0.70	-9.46	12q21.1
23	222902_s_at	FLJ21144	1.79	2.53E-12	6.36E-10	0.91	9.43	1p34.1
24	202659_at	PSMB10	-2.58	9.86E-16	8.38E-13	-0.73	-9.42	16q22.1
25	202413_s_at	USP1	1.75	4.90E-12	1.09E-09	0.93	9.34	1p32.1-p31.3
26	218436_at	SIL1	-2.55	2.03E-14	1.14E-11	-0.75	-9.30	5q31
27	208646_at	RPS14	-2.07	2.53E-13	1.08E-10	-0.80	-9.28	5q31-q33
28	203955_at	KIAA0649	-2.99	2.99E-14	1.58E-11	-0.74	-9.22	9q34.3
29	224936_at	EIF2S3	-1.49	5.17E-13	1.88E-10	-0.78	-9.09	Xp22.2-p22.1
30	235521_at	HOXA3	-2.82	1.90E-16	1.81E-13	-0.66	-9.08	7p15-p14
31	200974_at	ACTA2	-2.21	1.50E-15	1.21E-12	-0.67	-9.00	10q23.3
32	224821_at	MGC15429	-1.91	8.05E-14	4.11E-11	-0.73	-8.99	3p21.31
33	218220_at	C12orf10	-1.77	9.35E-15	5.96E-12	-0.69	-8.97	12q13
34	226656_at	CRTAP	-2.21	1.27E-12	3.87E-10	-0.76	-8.86	3p22
35	201377_at	NICE-4	1.85	8.28E-11	1.42E-08	0.97	8.83	1q21.3
36	223592_s_at	MGC13061	-1.98	2.76E-15	2.11E-12	-0.65	-8.83	17q11.2
37	223671_x_at	FLJ20139	-1.80	4.14E-13	1.58E-10	-0.73	-8.81	1p21.1
38	226236_at	QP-C	-1.61	1.86E-13	8.36E-11	-0.71	-8.81	5q31.1
39	227153_at	IMMP2L	-2.41	4.17E-15	2.98E-12	-0.65	-8.76	7q31
40	201977_s_at	KIAA0141	-1.67	2.33E-12	6.04E-10	-0.75	-8.72	5q31.3
41	228730_s_at	LOC90507	-2.00	1.07E-12	3.41E-10	-0.73	-8.70	17q21.32
42	224875_at		-1.85	1.50E-13	6.98E-11	-0.69	-8.69	
43	224968_at	MGC15407	-1.91	8.55E-13	2.91E-10	-0.70	-8.59	2p16.1
44	232488_at	MGC15875	-2.54	2.30E-12	6.04E-10	-0.72	-8.55	5q35.3
45	225223_at		-2.08	9.77E-14	4.82E-11	-0.66	-8.55	
46	226835_s_at		-1.67	3.41E-12	8.15E-10	-0.71	-8.46	
47	225326_at	KIAA1311	-1.64	2.17E-12	5.84E-10	-0.69	-8.40	5q32
48	201922_at	YR-29	-1.50	5.24E-11	9.33E-09	-0.79	-8.39	5q13.2
49	217751_at	LOC51064	-2.00	7.40E-13	2.64E-10	-0.66	-8.34	7q34
50	229693_at		-1.97	1.07E-12	3.41E-10	-0.66	-8.33	

2.74 AML_komplext versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	205382_s_at	DF	-7.84	1.62E-15	2.79E-12	-2.74	-17.32	19p13.3
2	212953_x_at	CALR	-3.21	1.30E-13	9.18E-11	-2.45	-15.03	19p13.3-p13.2

Table 2

3	203948_s_at		MPO	-4.01	3.68E-19	4.69E-15	-2.02	-14.64	17q23.1
4	214450_at		CTSW	-6.67	6.70E-14	6.09E-11	-2.28	-14.52	11q13.1
5	38487_at		STAB1	-5.91	5.67E-13	2.67E-10	-2.18	-13.64	3p21.31
6	216032_s_at		SDBCAG84	-3.37	2.16E-14	2.29E-11	-2.03	-13.59	20pter-q12
7	208826_x_at		HINT1	-1.69	7.49E-18	4.77E-14	-1.76	-12.96	5q31.2
8	238022_at			-7.84	7.82E-13	3.55E-10	-1.99	-12.81	
9	213147_at		HOXA10	11.01	4.54E-15	5.75E-12	1.91	12.80	7p15-p14
10	200931_s_at		VCL	4.91	6.72E-16	1.71E-12	1.82	12.74	10q22.1-q23
11	209732_at		CLECSF2	35.32	4.46E-14	4.37E-11	2.04	12.46	12p13-p12
12	200654_at		P4HB	-2.34	2.10E-16	8.89E-13	-1.70	-12.36	17q25
13	207721_x_at		HINT1	-1.89	6.21E-16	1.71E-12	-1.57	-11.54	5q31.2
14	200047_s_at - HG-U133A		YY1	2.32	1.07E-15	2.27E-12	1.55	11.37	14q
15	203949_at		MPO	-2.48	1.75E-15	2.79E-12	-1.53	-11.23	17q23.1
16	200093_s_at - HG-U133B		HINT1	-1.89	2.93E-15	4.15E-12	-1.50	-11.06	5q31.2
17	201923_at		PRDX4	8.38	3.10E-13	1.80E-10	1.63	11.02	Xp22.13
18	204897_at		PTGER4	5.03	4.97E-15	5.75E-12	1.48	10.91	5p13.1
19	217225_x_at		LOC283820	-2.07	6.98E-12	1.85E-09	-1.59	-10.73	16p13.13
20	227353_at		EVER2	4.55	1.06E-13	7.94E-11	1.51	10.69	17q25.3
21	206847_s_at		HOXA7	4.94	9.60E-14	7.94E-11	1.47	10.53	7p15-p14
22	227999_at		LOC170394	3.30	1.56E-13	1.04E-10	1.41	10.21	10q26.3
23	202600_s_at		NRIP1	12.57	3.27E-12	9.68E-10	1.52	10.19	21q11.2
24	207375_s_at		IL15RA	5.82	1.33E-12	5.36E-10	1.46	10.16	10p15-p14
25	214789_x_at		SRP46	3.86	1.77E-13	1.13E-10	1.40	10.14	11q22
26	221004_s_at		ITM2C	-3.41	2.27E-13	1.38E-10	-1.40	-10.14	2q37
27	204150_at		STAB1	-6.71	1.26E-09	8.02E-08	-1.73	-10.06	3p21.31
28	200934_at		DEK	2.41	1.06E-13	7.94E-11	1.36	10.01	6p23
29	208892_s_at		DUSP6	6.46	1.35E-12	5.36E-10	1.39	9.84	12q22-q23
30	202413_s_at		USP1	2.49	4.61E-13	2.37E-10	1.35	9.84	1p32.1-p31.3
31	217848_s_at		PP	3.96	1.63E-12	6.11E-10	1.38	9.78	10q11.1-q24
32	208891_at		DUSP6	6.82	9.06E-13	3.98E-10	1.36	9.77	12q22-q23
33	220798_x_at		FLJ11535	-3.66	2.63E-11	5.28E-09	-1.42	-9.75	19p13.3
34	224473_x_at		KIAA1813	2.33	9.97E-13	4.23E-10	1.36	9.75	10q24
35	225547_at			1.73	3.36E-13	1.86E-10	1.33	9.75	
36	200008_s_at - HG-U133A		GDI2	-2.39	1.53E-11	3.41E-09	-1.40	-9.74	10p15
37	238949_at		FLJ31951	8.00	5.50E-12	1.49E-09	1.41	9.71	5q33.3
38	203535_at		S100A9	7.92	3.22E-12	9.68E-10	1.38	9.68	1q21
39	210788_s_at		retSDR4	-2.19	8.24E-11	1.17E-08	-1.44	-9.67	14q22.3
40	226460_at		KIAA1450	3.63	1.79E-12	6.33E-10	1.35	9.66	4q32.1
41	200093_s_at - HG-U133A		HINT1	-1.69	5.55E-13	2.67E-10	-1.32	-9.63	5q31.2
42	225172_at		CRAMP1L	2.61	4.65E-13	2.37E-10	1.31	9.60	16p13.3
43	229693_at			-2.78	1.07E-10	1.42E-08	-1.42	-9.56	
44	203302_at		DCK	4.08	4.56E-12	1.30E-09	1.33	9.44	4q13.3-q21.1
45	200656_s_at		P4HB	-4.16	1.53E-09	9.31E-08	-1.51	-9.39	17q25
46	205033_s_at		DEFA1	5.34	2.50E-12	8.36E-10	1.30	9.37	8p23.2-p23.1
47	227308_x_at		SCYL1	4.60	1.47E-11	3.34E-09	1.35	9.36	
48	205663_at		PCBP3	-3.06	1.14E-10	1.44E-08	-1.37	-9.35	21q22.3
49	202599_s_at		NRIP1	8.20	2.13E-11	4.38E-09	1.36	9.31	21q11.2
50	221087_s_at		APOL3	3.50	4.58E-12	1.30E-09	1.29	9.29	22q13.1

Table 2

2.75 AML_komplext versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	213147_at	HOXA10	7.91	8.54E-15	1.20E-10	1.70	12.02	7p15-p14
2	201920_at	SLC20A1	3.17	3.09E-14	2.18E-10	1.46	10.83	2q11-q14
3	206847_s_at	HOXA7	4.06	5.19E-13	1.46E-09	1.43	10.29	7p15-p14
4	222229_x_at		-1.45	5.56E-14	2.61E-10	-1.29	-9.90	
5	200833_s_at	RAP1B	2.26	3.79E-13	1.33E-09	1.27	9.62	12q14
6	228827_at		-24.12	6.82E-10	1.35E-07	-1.66	-9.62	
7	209523_at	TAF2	3.00	6.58E-13	1.55E-09	1.23	9.37	8q24.12
8	206940_s_at	POU4F1	-26.63	1.75E-09	2.40E-07	-1.69	-9.29	13q21.1-q22
9	224481_s_at	HECTD1	1.84	8.52E-13	1.72E-09	1.20	9.20	14q12
10	214651_s_at	HOXA9	111.95	1.42E-10	4.64E-08	1.55	9.15	7p15-p14
11	211423_s_at	SC5DL	2.73	2.78E-12	3.64E-09	1.21	9.12	11q23.3
12	217963_s_at	NGFRAP1	28.57	1.56E-10	4.76E-08	1.46	9.07	Xq22.1
13	209022_at	STAG2	2.17	1.59E-12	2.50E-09	1.18	9.04	Xq25
14	201807_at	VPS26	2.21	1.60E-12	2.50E-09	1.17	8.99	10q21.1
15	241706_at	LOC144402	5.97	4.36E-11	2.06E-08	1.27	8.98	12q11
16	206003_at	KIAA0635	2.44	2.87E-12	3.64E-09	1.16	8.90	4q12
17	212232_at	FNBP4	1.87	3.36E-12	3.64E-09	1.16	8.85	11p11.12
18	202406_s_at	TIAL1	1.77	3.16E-12	3.64E-09	1.15	8.84	10q
19	203079_s_at	CUL2	2.44	3.64E-12	3.66E-09	1.15	8.83	10p11.21
20	212585_at	OSBPL8	2.34	5.76E-12	4.77E-09	1.16	8.80	12q14
21	201663_s_at	SMC4L1	3.00	4.61E-11	2.06E-08	1.22	8.78	3q26.1
22	218577_at	FLJ20331	2.34	4.62E-12	4.21E-09	1.15	8.77	1p31.1
23	227853_at		2.75	1.14E-11	8.46E-09	1.15	8.72	
24	222902_s_at	FLJ21144	1.96	4.78E-12	4.21E-09	1.13	8.70	1p34.1
25	211061_s_at	MGAT2	1.93	4.68E-11	2.06E-08	1.19	8.69	14q21
26	235753_at		6.97	3.87E-10	9.05E-08	1.36	8.68	
27	203949_at	MPO	-2.28	6.50E-12	5.09E-09	-1.13	-8.64	17q23.1
28	205529_s_at	CBFA2T1	-8.73	4.85E-09	4.90E-07	-1.44	-8.61	8q22
29	218236_s_at	PRKCN	7.50	2.70E-10	7.68E-08	1.26	8.60	2p21
30	201972_at	ATP6V1A1	2.49	3.96E-11	2.06E-08	1.16	8.57	3q13.2
31	226460_at	KIAA1450	2.94	3.24E-11	1.90E-08	1.14	8.53	4q32.1
32	212397_at	RDX	2.69	6.23E-11	2.58E-08	1.15	8.47	11q23
33	203320_at	LNK	2.62	1.00E-10	3.76E-08	1.16	8.45	12q24
34	211341_at	POU4F1	-75.39	1.11E-08	8.38E-07	-1.57	-8.44	13q21.1-q22
35	218754_at	FLJ23323	1.87	4.40E-11	2.06E-08	1.12	8.42	1p36.23
36	235521_at	HOXA3	7.65	7.60E-10	1.44E-07	1.31	8.42	7p15-p14
37	211746_x_at	PSMA1	1.68	1.55E-11	1.09E-08	1.09	8.39	11p15.1
38	203948_s_at	MPO	-2.93	5.41E-11	2.31E-08	-1.11	-8.36	17q23.1
39	212463_at		4.11	1.59E-10	4.76E-08	1.15	8.36	
40	218040_at	FLJ10330	2.14	2.71E-11	1.73E-08	1.10	8.36	1p13.2
41	201425_at	ALDH2	10.22	4.43E-10	9.67E-08	1.21	8.35	12q24.2
42	201377_at	NICE-4	2.04	2.58E-11	1.73E-08	1.09	8.31	1q21.3
43	215051_x_at	AIF1	2.38	3.60E-11	2.03E-08	1.08	8.25	6p21.3

Table 2

44 217846_at	QARS	-1.58	3.17E-11	1.90E-08	-1.08	-8.25	3p21.3-p21.1
45 214700_x_at	DKFZP434D193	2.73	1.20E-10	4.22E-08	1.11	8.22	2q23.3
46 220936_s_at	H2AFJ	4.97	1.58E-10	4.76E-08	1.11	8.21	12p12
47 201994_at	MORF4L2	1.68	4.03E-11	2.06E-08	1.07	8.18	Xq22
48 202775_s_at	SFRS8	1.86	1.01E-10	3.76E-08	1.09	8.16	12q24.33
49 226545_at		7.60	8.73E-10	1.56E-07	1.19	8.16	
50 200934_at	DEK	1.96	4.59E-11	2.06E-08	1.06	8.13	6p23

2.76 AML_normal versus AML_t(15;17)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	213147_at	HOXA10	17.19	1.59E-56	2.98E-52	1.79	23.81	7p15-p14
2	214651_s_at	HOXA9	167.47	9.79E-54	9.16E-50	1.87	23.69	7p15-p14
3	209732_at	CLECSF2	20.24	1.47E-52	9.17E-49	1.70	22.51	12p13-p12
4	217848_s_at	PP	4.61	6.27E-34	5.10E-31	1.71	21.03	10q11.1-q24
5	204425_at	ARHGAP4	17.29	1.91E-49	8.96E-46	1.58	20.98	Xq28
6	235753_at		11.73	3.46E-44	1.10E-40	1.48	19.40	
7	205453_at	HOXB2	18.69	4.28E-44	1.14E-40	1.47	19.28	17q21-q22
8	213150_at	HOXA10	32.85	1.27E-43	2.97E-40	1.47	19.21	7p15-p14
9	213587_s_at	LOC155066	5.72	3.54E-44	1.10E-40	1.42	18.88	7q36.1
10	203948_s_at	MPO	-4.22	1.32E-17	1.03E-15	-1.95	-18.55	17q23.1
11	209905_at	HOXA9	438.18	2.29E-41	3.90E-38	1.47	18.53	7p15-p14
12	206847_s_at	HOXA7	7.38	5.46E-41	8.52E-38	1.38	18.25	7p15-p14
13	204362_at	SCAP2	14.76	8.37E-42	1.74E-38	1.35	18.02	7p21-p15
14	213844_at	HOXA5	26.62	6.87E-41	9.89E-38	1.37	18.00	7p15-p14
15	205771_s_at	AKAP7	10.95	9.75E-42	1.83E-38	1.35	17.99	6q23
16	241742_at	PRAM-1	6.37	5.19E-40	6.95E-37	1.35	17.82	19p13.2
17	201923_at	PRDX4	5.63	2.16E-32	1.50E-29	1.41	17.79	Xp22.13
18	204563_at	SELL	6.23	1.42E-37	1.66E-34	1.35	17.68	1q23-q25
19	211990_at	HLA-DPA1	8.62	8.36E-40	1.04E-36	1.31	17.43	6p21.3
20	214797_s_at	PCTK3	4.97	3.00E-27	9.21E-25	1.38	16.91	1q31-q32
21	225639_at	SCAP2	12.00	1.98E-37	2.18E-34	1.27	16.78	7p21-p15
22	203949_at	MPO	-2.74	1.49E-20	1.81E-18	-1.51	-16.72	17q23.1
23	212953_x_at	CALR	-3.70	3.43E-13	1.17E-11	-2.59	-16.64	19p13.3-p13.2
24	228113_at	STAT3	4.46	1.99E-30	1.01E-27	1.31	16.59	17q21
25	236322_at		6.21	7.60E-30	3.31E-27	1.30	16.42	
26	200654_at	P4HB	-2.39	2.91E-15	1.50E-13	-1.73	-15.87	17q25
27	221004_s_at	ITM2C	-6.11	1.34E-13	4.92E-12	-2.04	-15.83	2q37
28	216899_s_at	SCAP2	6.76	4.61E-35	4.55E-32	1.18	15.72	7p21-p15
29	238058_at		4.05	4.06E-35	4.22E-32	1.18	15.66	
30	235521_at	HOXA3	25.02	4.74E-34	4.03E-31	1.21	15.66	7p15-p14
31	231767_at	HOXB4	5.10	6.90E-35	6.46E-32	1.17	15.61	17q21-q22
32	205600_x_at	HOXB5	2.95	5.35E-30	2.39E-27	1.21	15.51	17q21.3
33	204361_s_at	SCAP2	10.06	8.56E-34	6.68E-31	1.17	15.51	7p21-p15
34	227598_at	LOC113763	4.44	1.18E-32	8.48E-30	1.17	15.39	7q35
35	225314_at	MGC45416	2.87	2.21E-30	1.09E-27	1.19	15.36	4p11
36	201719_s_at	EPB41L2	10.38	3.91E-34	3.49E-31	1.15	15.30	6q23

Table 2

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
37	205366_s_at	HOXB6	43.97	6.60E-33	4.94E-30	1.18	15.23	17q21.3
38	207375_s_at	IL15RA	4.80	1.66E-28	6.09E-26	1.18	15.06	10p15-p14
39	214450_at	CTSW	-5.81	1.36E-12	4.02E-11	-2.15	-14.99	11q13.1
40	228904_at		14.98	3.46E-32	2.23E-29	1.16	14.97	
41	226106_at	ZFP26	4.84	2.55E-32	1.70E-29	1.13	14.96	11p15.3
42	236554_x_at	EVER2	3.47	1.31E-23	2.62E-21	1.22	14.85	17q25.3
43	200931_s_at	VCL	3.56	6.05E-27	1.77E-24	1.17	14.83	10q22.1-q23
44	213388_at		6.20	2.10E-28	7.42E-26	1.15	14.77	
45	239081_at		2.70	1.38E-22	2.37E-20	1.23	14.76	
46	38487_at	STAB1	-6.80	2.51E-12	7.01E-11	-2.19	-14.72	3p21.31
47	236892_s_at		26.07	3.41E-31	1.93E-28	1.11	14.54	
48	205601_s_at	HOXB5	3.44	2.99E-31	1.80E-28	1.09	14.51	17q21.3
49	201753_s_at	ADD3	5.74	9.08E-30	3.86E-27	1.11	14.49	10q24.2-q24.3
50	204069_at	MEIS1	16.58	1.09E-30	5.69E-28	1.10	14.37	2p14-p13

2.77 AML_normal versus AML_t(8;21)

#	affy id	HUGO name	fc	p	q	stn	t	Map Location
1	214651_s_at	HOXA9	146.41	1.07E-53	1.44E-49	1.86	23.67	7p15-p14
2	213147_at	HOXA10	12.35	1.87E-54	5.03E-50	1.67	22.56	7p15-p14
3	205453_at	HOXB2	24.89	9.17E-45	8.21E-41	1.50	19.64	17q21-q22
4	213150_at	HOXA10	42.29	6.50E-44	3.55E-40	1.49	19.42	7p15-p14
5	235753_at		10.96	6.61E-44	3.55E-40	1.45	19.21	
6	209905_at	HOXA9	418.31	2.32E-41	8.89E-38	1.47	18.53	7p15-p14
7	206847_s_at	HOXA7	6.07	4.41E-43	1.97E-39	1.35	18.32	7p15-p14
8	213844_at	HOXA5	17.18	7.35E-40	2.47E-36	1.31	17.51	7p15-p14
9	221581_s_at	WBSCR5	6.45	4.95E-38	1.48E-34	1.23	16.57	7q11.23
10	217963_s_at	NGFRAP1	19.70	1.77E-36	4.75E-33	1.22	16.29	Xq22.1
11	235521_at	HOXA3	21.55	9.06E-34	1.87E-30	1.20	15.56	7p15-p14
12	243806_at		4.55	4.15E-34	1.01E-30	1.13	15.28	
13	205366_s_at	HOXB6	34.37	1.22E-32	2.20E-29	1.18	15.16	17q21.3
14	225615_at	LOC126917	6.55	4.86E-34	1.09E-30	1.12	15.16	1p36.13
15	228904_at		14.63	4.07E-32	6.42E-29	1.15	14.94	
16	233955_x_at	HSPC195	3.63	1.23E-32	2.20E-29	1.11	14.91	5q31.3
17	231767_at	HOXB4	4.28	1.74E-32	2.93E-29	1.09	14.66	17q21-q22
18	236892_s_at		21.66	6.70E-31	9.00E-28	1.12	14.50	
19	205600_x_at	HOXB5	2.64	9.25E-29	8.87E-26	1.10	14.44	17q21.3
20	204069_at	MEIS1	15.83	1.41E-30	1.65E-27	1.10	14.34	2p14-p13
21	241370_at		3.29	2.28E-31	3.41E-28	1.06	14.31	
22	205601_s_at	HOXB5	3.20	3.11E-31	4.40E-28	1.05	14.23	17q21.3
23	203017_s_at	SSX2IP	4.14	2.33E-30	2.60E-27	1.06	14.22	
24	239791_at		13.40	5.14E-30	5.30E-27	1.07	14.07	
25	230894_s_at		8.75	8.22E-31	1.05E-27	1.04	14.06	
26	228365_at	LOC144402	8.64	3.12E-30	3.35E-27	1.05	14.04	12q11
27	215087_at		3.75	1.11E-30	1.35E-27	1.04	14.01	
28	227853_at		3.23	3.10E-26	1.98E-23	1.06	13.77	
29	241706_at	LOC144402	6.07	3.70E-29	3.68E-26	1.01	13.60	12q11

Table 2

# affy id	HUGO name	fc	p	q	stn	t	Map Location
30 226865_at		6.85	1.05E-28	9.70E-26	1.00	13.46	
31 206310_at	SPINK2	65.13	8.49E-28	6.91E-25	1.05	13.40	4q12
32 222996_s_at	HSPC195	2.85	1.69E-28	1.52E-25	0.99	13.33	5q31.3
33 226134_s_at		5.83	2.21E-28	1.85E-25	0.98	13.26	
34 208890_s_at	PLXNB2	3.99	2.98E-27	2.29E-24	0.99	13.24	22q13.33
35 224516_s_at	HSPC195	3.82	2.10E-28	1.82E-25	0.98	13.24	5q31.3
36 208091_s_at	DKFZP564K0822	5.79	1.19E-27	9.40E-25	0.98	13.12	7p14.1
37 206289_at	HOXA4	3.59	3.48E-26	2.18E-23	0.99	13.12	7p15-p14
38 226206_at	FLJ32205	2.47	1.60E-24	8.77E-22	1.01	13.04	7p22.3
39 217975_at	LOC51186	6.88	3.94E-27	2.94E-24	0.97	13.01	Xq22.1
40 213110_s_at	COL4A5	10.94	4.55E-27	3.30E-24	0.98	12.98	Xq22
41 204495_s_at	DKFZP434H132	2.74	3.97E-26	2.43E-23	0.95	12.73	15q22.33
42 203680_at	PRKAR2B	5.71	7.67E-27	5.42E-24	0.94	12.70	7q22-q31.1
43 204494_s_at	DKFZP434H132	2.83	7.93E-26	4.53E-23	0.95	12.68	15q22.33
44 224764_at	ARHGAP10	5.13	1.78E-26	1.20E-23	0.93	12.61	
45 238756_at		4.22	1.49E-26	1.03E-23	0.93	12.61	
46 225240_s_at		4.95	2.07E-26	1.36E-23	0.93	12.58	
47 229971_at	GPR114	6.82	5.96E-26	3.55E-23	0.93	12.55	16q12.2
48 215051_x_at	AIF1	2.46	1.38E-17	2.95E-15	1.09	12.48	6p21.3
49 219062_s_at	FLJ20281	3.15	3.51E-24	1.88E-21	0.95	12.47	18q21.32
50 238077_at	MGC27385	3.50	3.92E-25	2.19E-22	0.93	12.41	3p21.1

10

2.78 AML_t(15;17) versus AML_t(8;21)

# affy id	HUGO name	fc	p	q	stn	t	Map Location
1 209732_at	CLECSF2	-31.87	6.61E-16	1.83E-11	-3.41	-18.50	12p13-p12
2 214450_at	CTSW	32.70	1.75E-13	8.07E-10	3.62	17.85	11q13.1
3 38487_at	STAB1	23.73	4.75E-13	1.20E-09	3.30	16.70	3p21.31
4 211990_at	HLA-DPA1	-11.38	8.43E-15	1.17E-10	-2.54	-15.15	6p21.3
5 212509_s_at		10.56	1.02E-10	8.07E-08	2.39	12.28	
6 221004_s_at	ITM2C	3.38	3.94E-13	1.20E-09	1.92	12.13	2q37
7 217478_s_at	HLA-DMA	-5.37	1.31E-13	8.07E-10	-1.90	-12.10	6p21.3
8 212953_x_at	CALR	2.46	4.33E-13	1.20E-09	1.86	11.84	19p13.3-p13.2
9 224839_s_at	GPT2	9.84	6.52E-11	6.28E-08	2.10	11.80	16q12.1
10 204150_at	STAB1	26.03	3.22E-10	1.88E-07	2.39	11.71	3p21.31
11 226878_at		-5.22	3.86E-12	7.65E-09	-1.95	-11.66	
12 205663_at	PCBP3	4.49	1.54E-11	2.38E-08	1.95	11.65	21q22.3
13 201596_x_at	KRT18	23.76	3.19E-10	1.88E-07	2.32	11.63	12q13
14 204316_at	RGS10	-2.58	2.53E-13	8.78E-10	-1.78	-11.47	10q25
15 205349_at	GNA15	3.44	3.85E-11	4.45E-08	1.90	11.27	19p13.3
16 211991_s_at	HLA-DPA1	-17.13	2.84E-11	3.58E-08	-1.96	-11.15	6p21.3
17 208689_s_at	RPN2	1.81	1.12E-13	8.07E-10	1.61	10.80	20q12-q13.1
18 209619_at	CD74	-4.53	1.48E-13	8.07E-10	-1.62	-10.79	5q32
19 200986_at	SERPING1	10.67	1.48E-09	6.06E-07	2.04	10.51	11q12-q13.1
20 208826_x_at	HINT1	1.43	2.32E-13	8.78E-10	1.56	10.48	5q31.2
21 227326_at		5.21	3.26E-10	1.88E-07	1.81	10.47	
22 204319_s_at	RGS10	-5.48	8.04E-11	7.19E-08	-1.76	-10.34	10q25

Table 2

23	209312_x_at	HLA-DRB1	-6.71	1.16E-11	1.89E-08	-1.63	-10.33	6p21.3
24	201522_x_at	SNRPN	-3.69	5.83E-13	1.35E-09	-1.55	-10.31	15q12
25	211474_s_at	SERPINB6	-5.66	8.59E-11	7.28E-08	-1.73	-10.26	6p25
26	217716_s_at	SEC61A1	1.98	7.38E-12	1.36E-08	1.57	10.18	3q21.3
27	228113_at	STAT3	-4.67	2.42E-11	3.20E-08	-1.62	-10.17	17q21
28	200953_s_at	CCND2	2.76	4.76E-10	2.49E-07	1.73	10.12	12p13
29	228827_at		-103.40	4.47E-10	2.43E-07	-1.98	-10.04	
30	207721_x_at	HINT1	1.57	1.19E-12	2.54E-09	1.48	9.94	5q31.2
31	208306_x_at	HLA-DRB4	-6.81	4.41E-11	4.89E-08	-1.57	-9.88	6p21.3
32	227353_at	EVER2	-3.90	1.85E-11	2.70E-08	-1.53	-9.83	17q25.3
33	201137_s_at	HLA-DPB1	-12.31	4.76E-10	2.49E-07	-1.76	-9.82	6p21.3
34	208852_s_at	CANX	2.25	8.79E-11	7.28E-08	1.55	9.79	5q35
35	238022_at		4.12	1.01E-11	1.76E-08	1.47	9.70	
36	201923_at	PRDX4	-6.62	1.94E-10	1.38E-07	-1.60	-9.69	Xp22.13
37	218795_at	ACP6	-2.77	4.94E-11	5.27E-08	-1.50	-9.56	1q21
38	206940_s_at	POU4F1	-45.36	1.38E-09	5.89E-07	-1.87	-9.48	13q21.1-q22
39	205614_x_at	MST1	6.64	5.11E-09	1.59E-06	1.73	9.46	3p21
40	223321_s_at	FGFRL1	4.08	3.37E-09	1.17E-06	1.65	9.40	4p16
41	205771_s_at	AKAP7	-5.88	1.70E-10	1.28E-07	-1.50	-9.39	6q23
42	215193_x_at	HLA-DRB1	-6.64	5.32E-11	5.46E-08	-1.45	-9.35	6p21.3
43	222307_at	LOC282997	-2.74	3.08E-11	3.71E-08	-1.43	-9.34	10q25.2
44	55093_at	CSGlcA-T	1.90	3.36E-10	1.90E-07	1.49	9.33	7q36.1
45	201952_at	ALCAM	4.60	2.47E-09	9.13E-07	1.58	9.27	3q13.1
46	201136_at	PLP2	2.92	7.82E-11	7.19E-08	1.42	9.25	Xp11.23
47	221865_at	DKFZp547P234	-3.09	8.93E-11	7.28E-08	-1.43	-9.21	9q33.1
48	205529_s_at	CBFA2T1	-14.51	2.28E-09	8.69E-07	-1.73	-9.18	8q22
49	224356_x_at	MS4A6A	-6.39	9.01E-10	4.23E-07	-1.55	-9.18	11q12.1
50	202732_at	PKIG	2.71	2.63E-09	9.36E-07	1.55	9.17	20q12-q13.1